

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U0020722\
 Data File : U0047063.D
 Acq On : 07 Feb 2022 14:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 22:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 07 22:28:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	127758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56730	4.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.919	69	46279	4.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.575	65	23185	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.646	46	134240	48.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.540%
24) Chloroform-d	5.070	84	98051	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.707	65	50973	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.732	84	194578	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.697	67	58930	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.903	98	182277	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.182	79	24274	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.636	63	115612	46.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54297	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	64603	4.509	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40479	4.096	ug/L	98
3) Chloromethane	1.527	50	50481	4.146	ug/L	100
5) Vinyl chloride	1.607	62	52876	4.314	ug/L	97
6) Bromomethane	1.864	94	31905	4.700	ug/L	99
8) Chloroethane	1.941	64	33586	4.617	ug/L	93
9) Trichlorofluoromethane	2.144	101	69341	4.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39368	4.314	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37303	4.634	ug/L	92
13) Acetone	2.665	43	70100	43.672	ug/L	99
14) Carbon disulfide	2.800	76	108132	4.289	ug/L	98
15) Methyl Acetate	2.964	43	16684	5.005	ug/L	99
16) Methylene chloride	3.054	84	44160	4.339	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	81430	4.599	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	37835	4.501	ug/L	97
19) 1,1-Dichloroethane	3.877	63	70809	4.530	ug/L	97
21) 2-Butanone	4.726	43	107596	46.774	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	39277	4.448	ug/L	98
23) Bromochloromethane	4.980	128	19976	4.690	ug/L	97
25) Chloroform	5.092	83	75954	4.268	ug/L	95

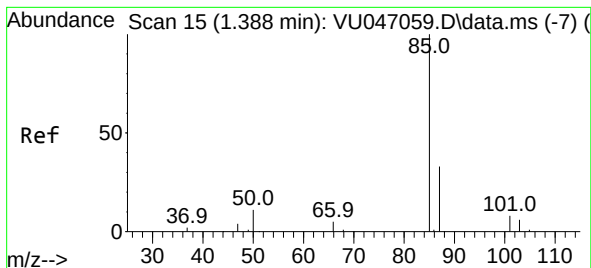
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 Acq On : 07 Feb 2022 14:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 07 22:28:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	48001	4.703	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	63233	4.330	ug/L	99
30) Cyclohexane	5.395	56	48690	4.130	ug/L	98
31) Carbon tetrachloride	5.530	117	53291	4.273	ug/L	96
33) Benzene	5.777	78	159462	4.444	ug/L	100
34) Trichloroethene	6.546	95	38876	4.285	ug/L	99
35) Methylcyclohexane	6.768	83	52509	4.177	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40754	4.295	ug/L	99
38) Bromodichloromethane	7.108	83	53680	4.356	ug/L #	99
39) cis-1,3-Dichloropropene	7.610	75	53736	4.361	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	241482	47.651	ug/L	99
42) Toluene	7.973	91	172753	4.686	ug/L	96
44) trans-1,3-Dichloropropene	8.215	75	49970	4.539	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	32227	4.565	ug/L	97
47) Tetrachloroethene	8.555	164	30205	4.291	ug/L	96
48) 2-Hexanone	8.687	43	195508	50.098	ug/L	98
49) Dibromochloromethane	8.813	129	37483	4.546	ug/L	100
50) 1,2-Dibromoethane	8.925	107	30697	4.708	ug/L	94
51) Chlorobenzene	9.449	112	107015	4.423	ug/L	99
52) Ethylbenzene	9.575	91	163413	4.410	ug/L	99
53) m,p-Xylene	9.700	106	65034	4.516	ug/L	100
54) o-Xylene	10.105	106	62216	4.646	ug/L	95
55) Styrene	10.118	104	110034	4.670	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	41788	4.550	ug/L	99
59) Bromoform	10.292	173	21464	4.817	ug/L	95
60) Isopropylbenzene	10.488	105	157011	4.524	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	30910	4.708	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	114503	4.299	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	120817	4.468	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	83562	4.506	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	85987	4.488	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	80899	4.520	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5703	4.210	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	59482	4.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47839	4.219	ug/L	98
71) Naphthalene	14.089	128	83560	4.257	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	48797	4.509	ug/L	99

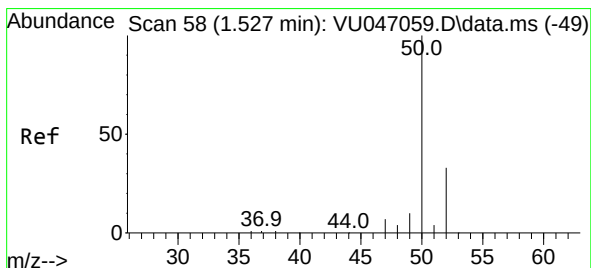
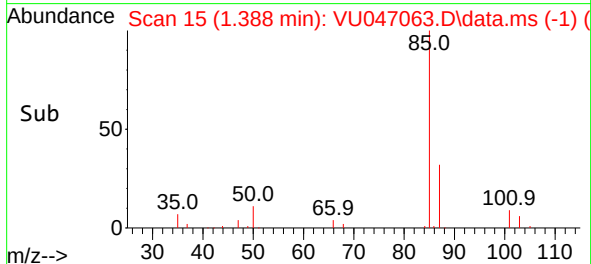
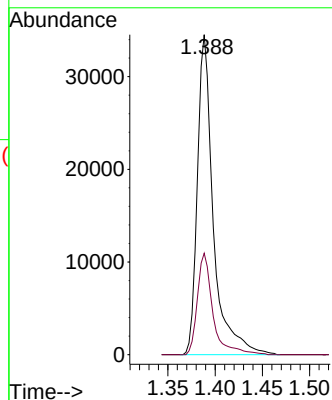
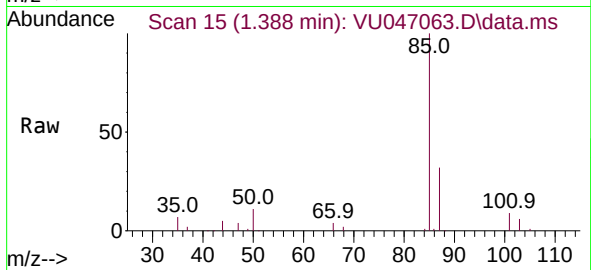
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#2
 Dichlorodifluoromethane
 Concen: 4.096 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047063.D
 Acq: 07 Feb 2022 14:02

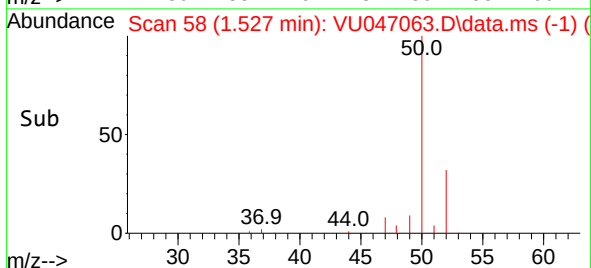
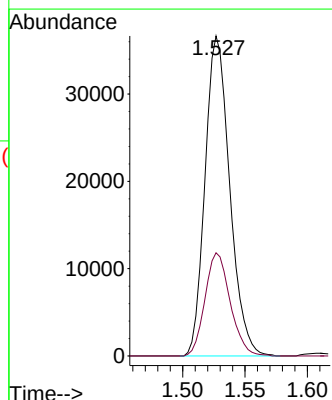
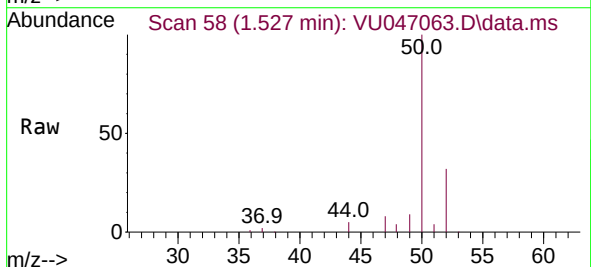
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 ClientSampleId :

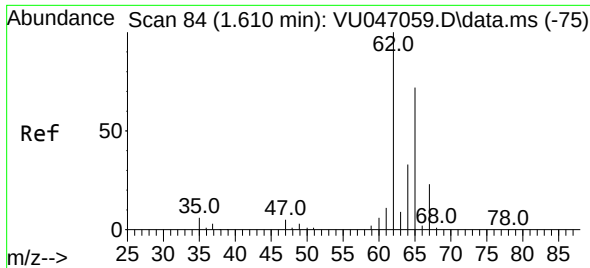
Tgt Ion: 85 Resp: 40479
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.9 38.9



#3
 Chloromethane
 Concen: 4.146 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU047063.D
 Acq: 07 Feb 2022 14:02

Tgt Ion: 50 Resp: 50481
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.7 42.3

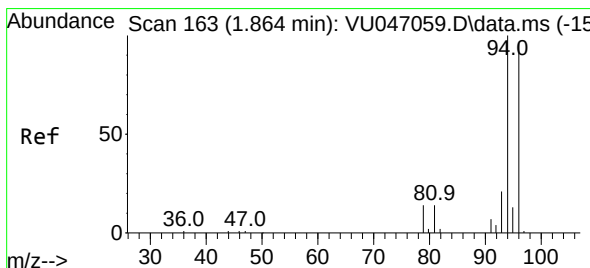
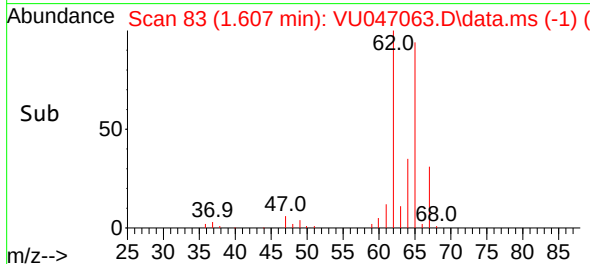
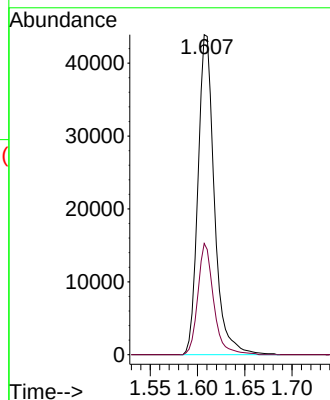
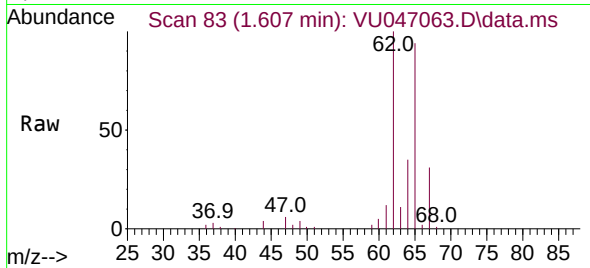




#5
 Vinyl chloride
 Concen: 4.314 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047063.D
 Acq: 07 Feb 2022 14:02

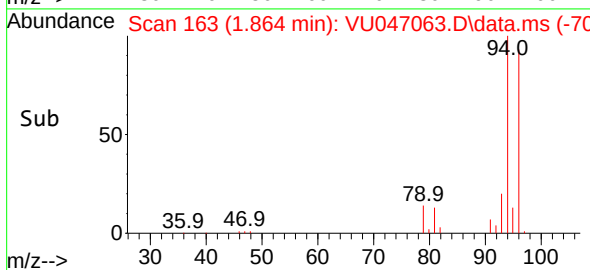
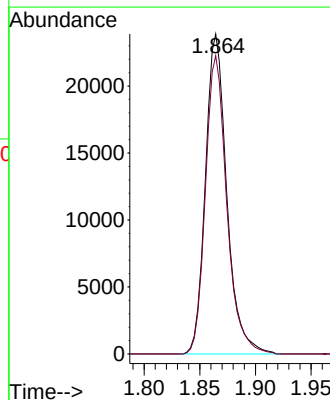
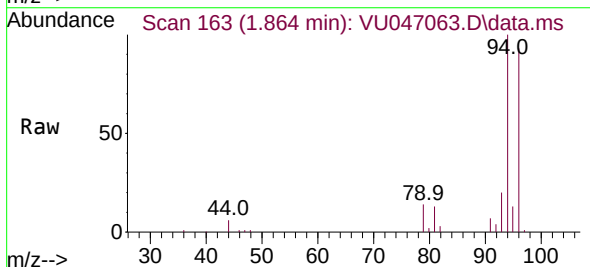
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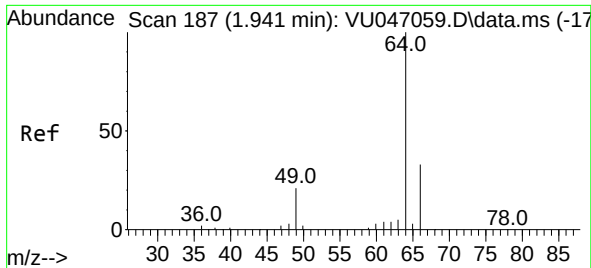
Tgt Ion: 62 Resp: 52876
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.700 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047063.D
 Acq: 07 Feb 2022 14:02

Tgt Ion: 94 Resp: 31905
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.6 121.8

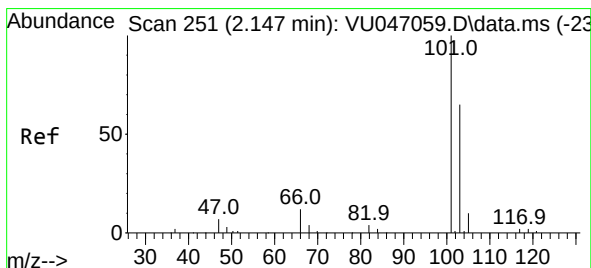
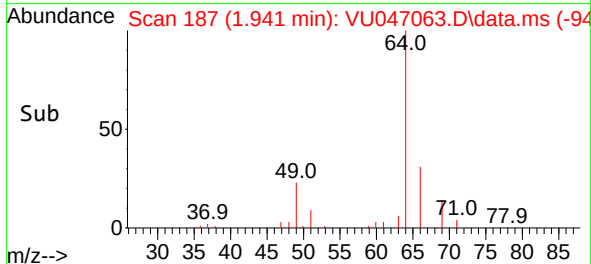
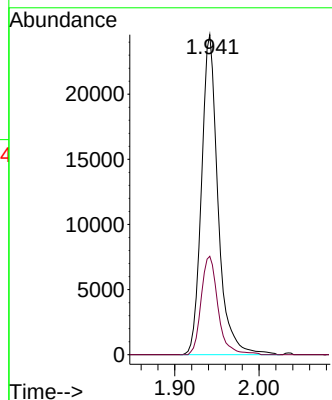
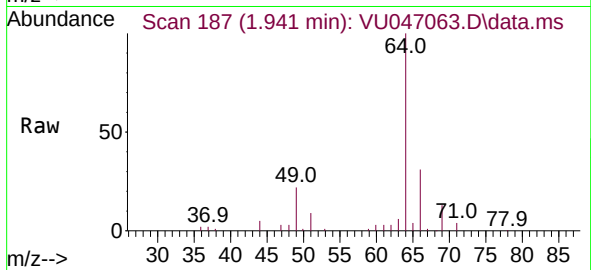




#8
Chloroethane
Concen: 4.617 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

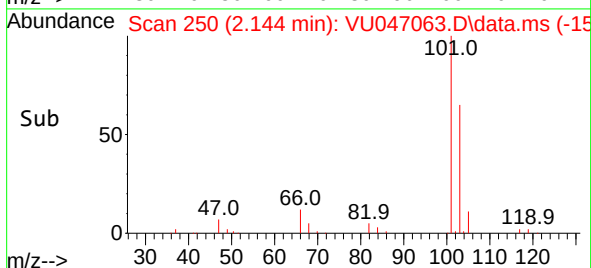
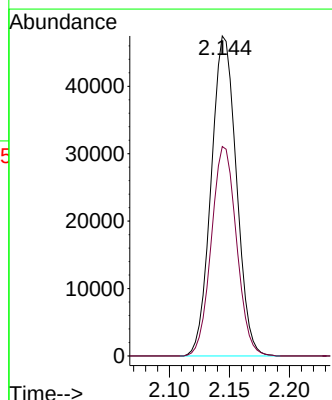
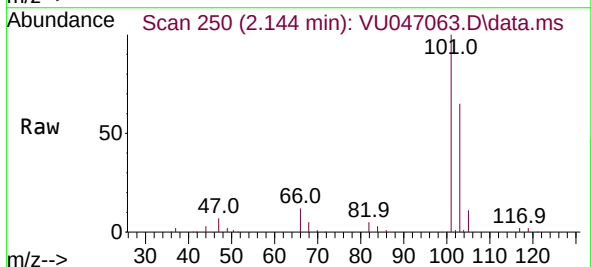
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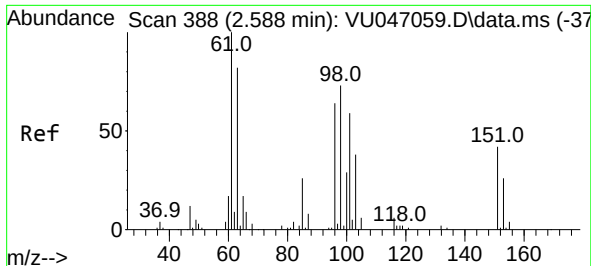
Tgt Ion: 64 Resp: 33586
Ion Ratio Lower Upper
64 100
66 30.8 24.4 45.4



#9
Trichlorofluoromethane
Concen: 4.474 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion:101 Resp: 69341
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

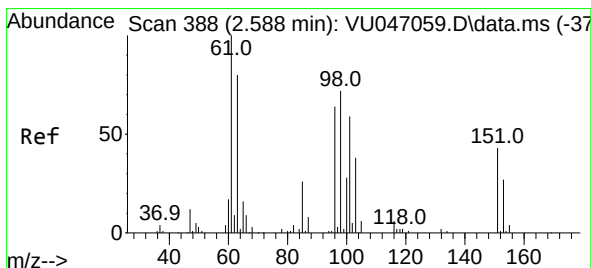
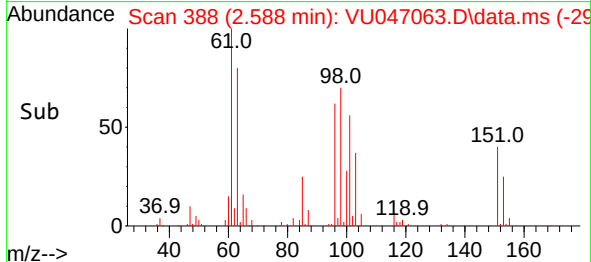
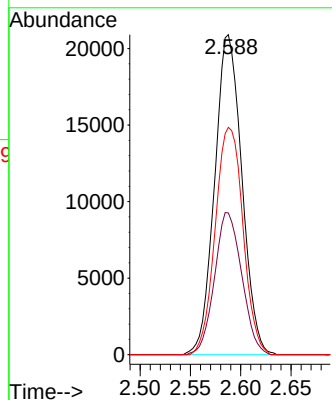
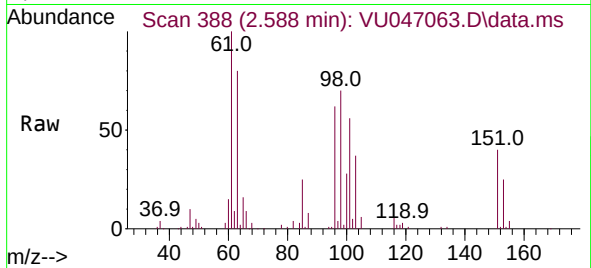




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.314 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047063.D
 Acq: 07 Feb 2022 14:02

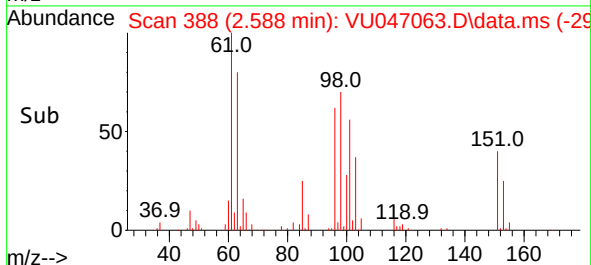
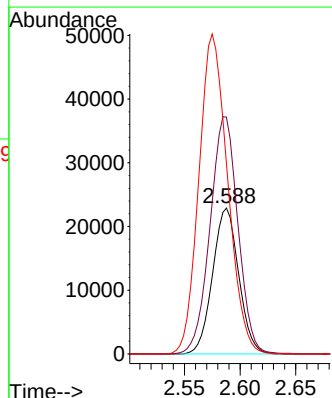
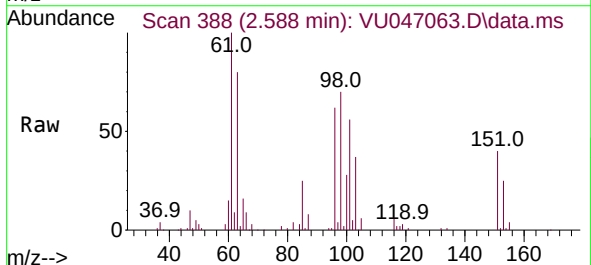
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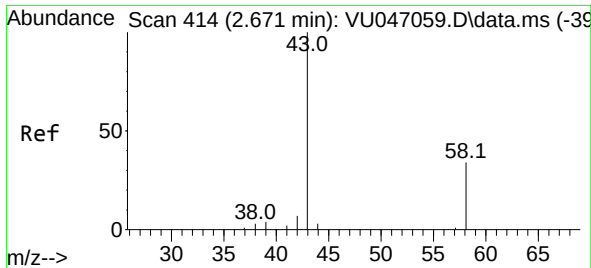
Tgt Ion:101 Resp: 39368
 Ion Ratio Lower Upper
 101 100
 85 44.4 33.8 50.6
 151 72.5 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 4.634 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047063.D
 Acq: 07 Feb 2022 14:02

Tgt Ion: 96 Resp: 37303
 Ion Ratio Lower Upper
 96 100
 61 162.3 115.5 214.5
 63 130.3 103.6 192.4





#13

Acetone

Concen: 43.672 ug/L

RT: 2.665 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

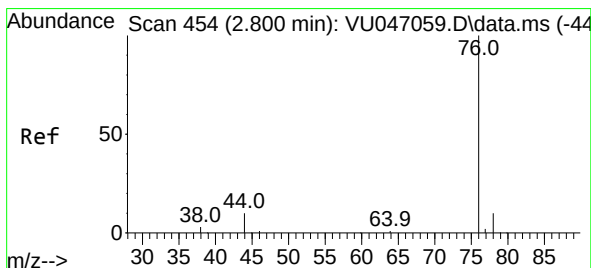
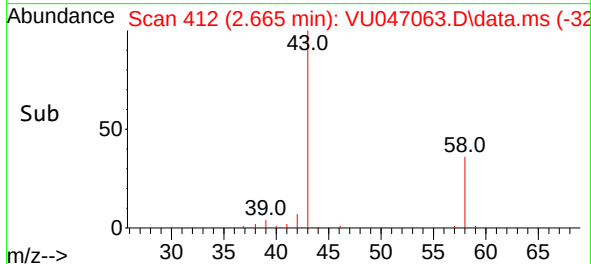
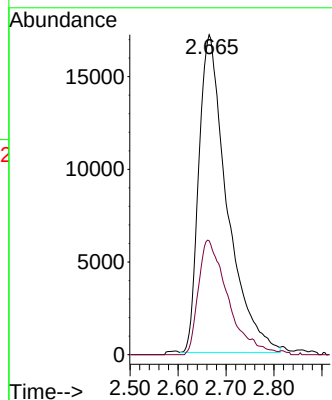
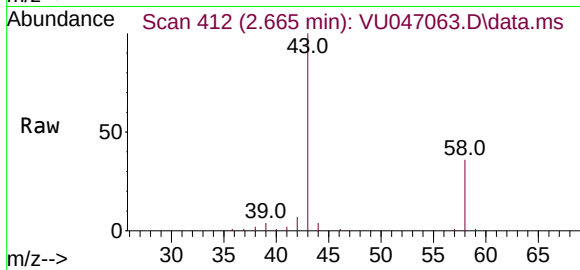
ClientSampleId :

Tgt Ion: 43 Resp: 70100

Ion Ratio Lower Upper

43 100

58 37.8 0.0 74.0



#14

Carbon disulfide

Concen: 4.289 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047063.D

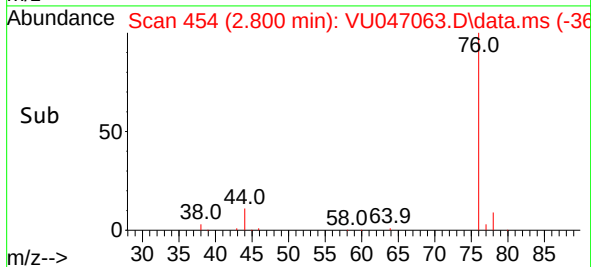
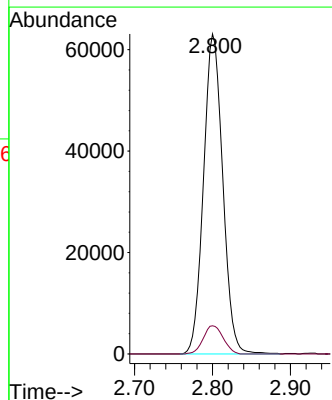
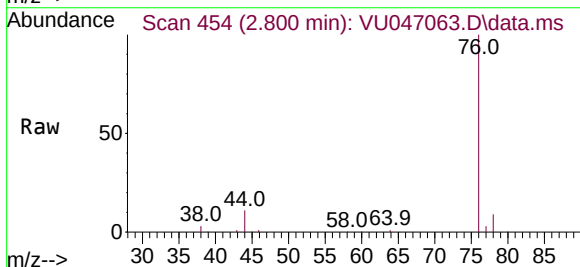
Acq: 07 Feb 2022 14:02

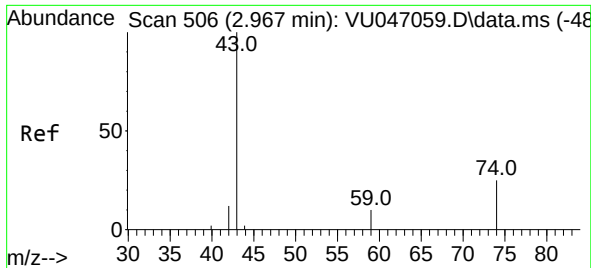
Tgt Ion: 76 Resp: 108132

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.6

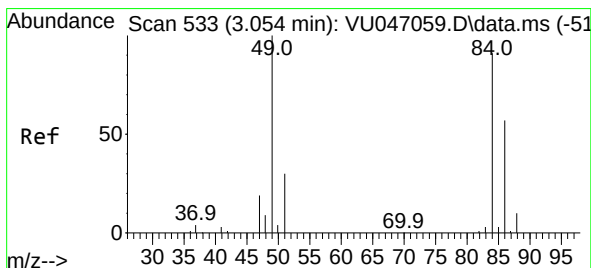
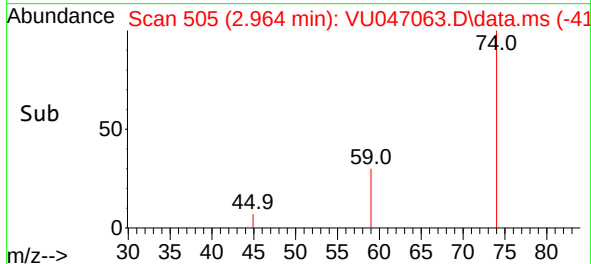
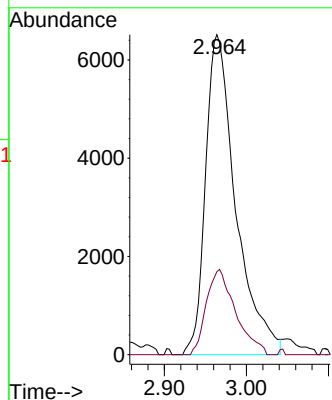
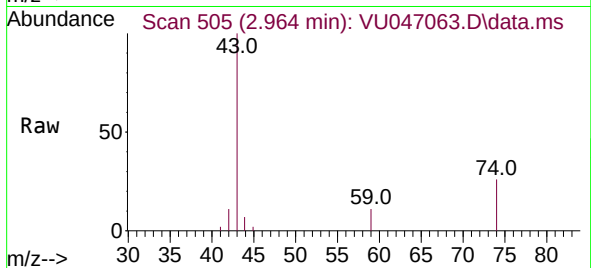




#15
Methyl Acetate
Concen: 5.005 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

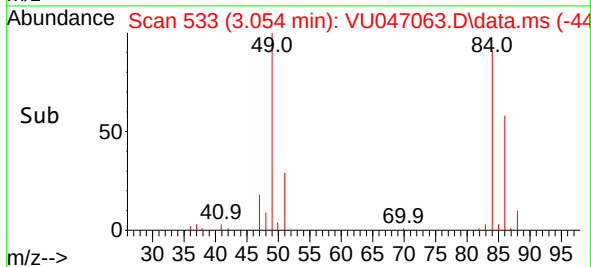
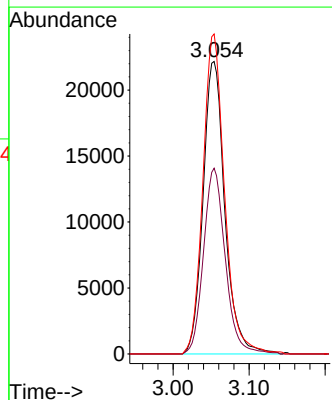
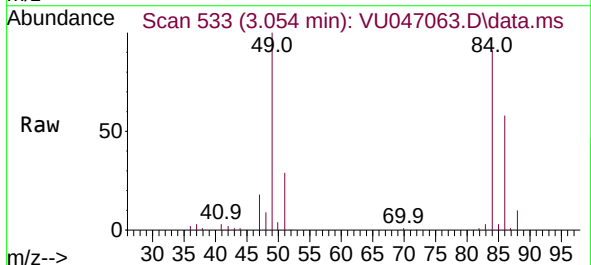
Instrument :
MSVOA_U
ClientSampleId :

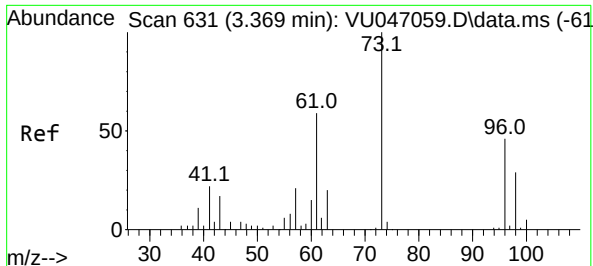
Tgt Ion: 43 Resp: 16684
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.4



#16
Methylene chloride
Concen: 4.339 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion: 84 Resp: 44160
Ion Ratio Lower Upper
84 100
86 63.5 45.1 83.7
49 109.4 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 4.599 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

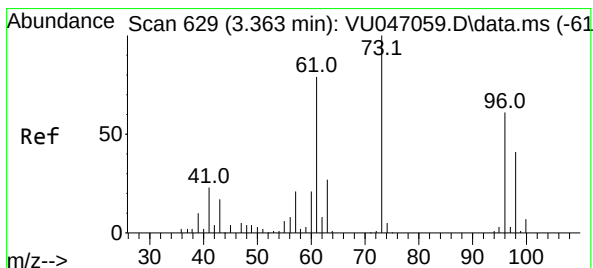
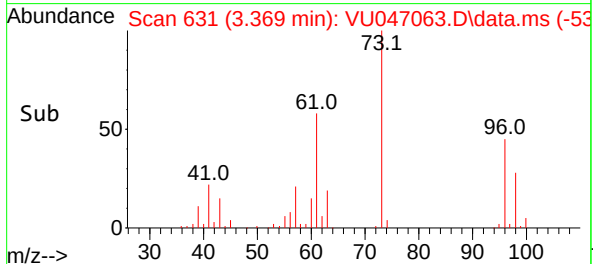
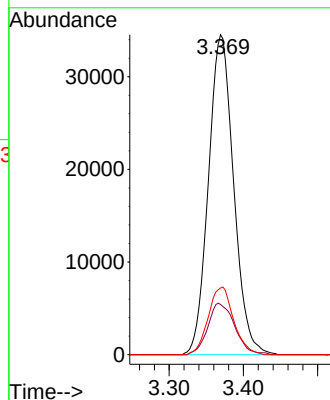
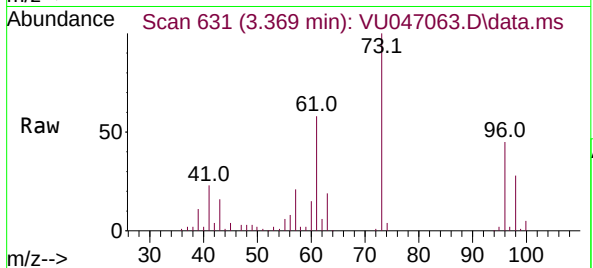
Tgt Ion: 73 Resp: 81430

Ion Ratio Lower Upper

73 100

43 17.2 13.9 20.9

57 21.3 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.501 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

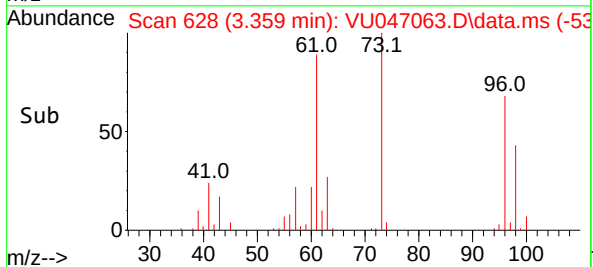
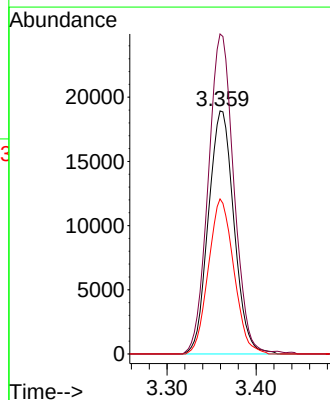
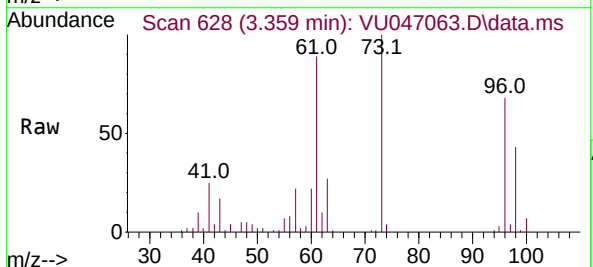
Tgt Ion: 96 Resp: 37835

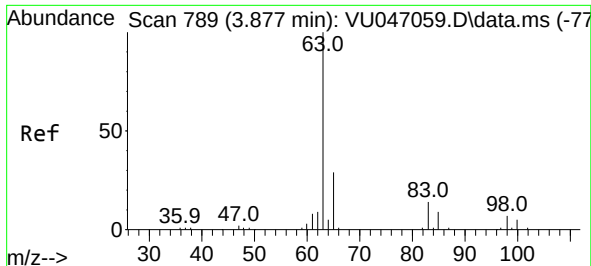
Ion Ratio Lower Upper

96 100

61 131.6 95.1 176.7

98 63.8 44.8 83.2





#19

1,1-Dichloroethane

Concen: 4.530 ug/L

RT: 3.877 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

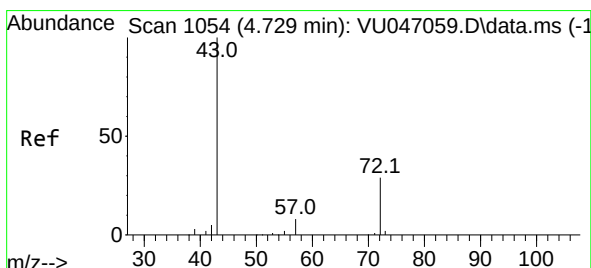
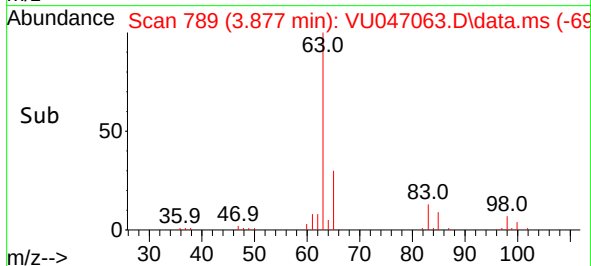
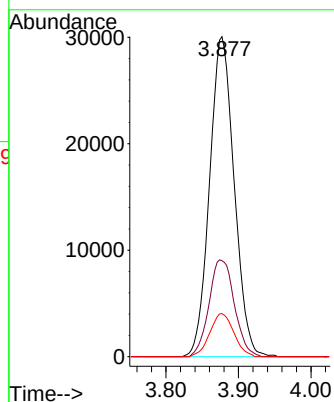
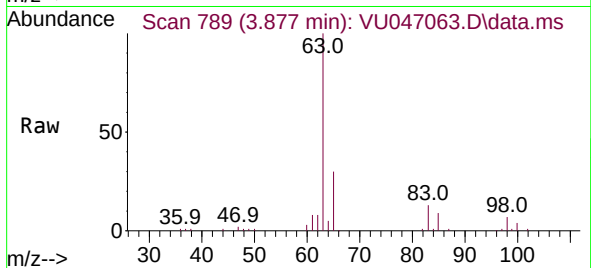
Tgt Ion: 63 Resp: 70809

Ion Ratio Lower Upper

63 100

65 30.0 22.7 42.1

83 13.4 9.7 17.9



#21

2-Butanone

Concen: 46.774 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.003 min

Lab File: VU047063.D

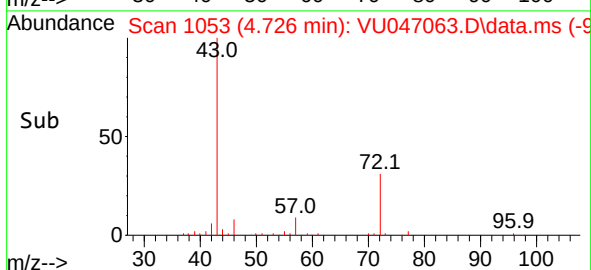
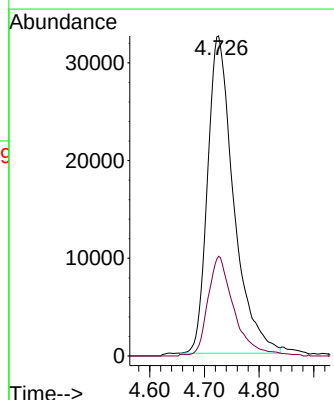
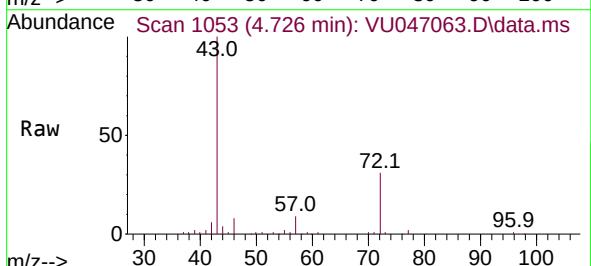
Acq: 07 Feb 2022 14:02

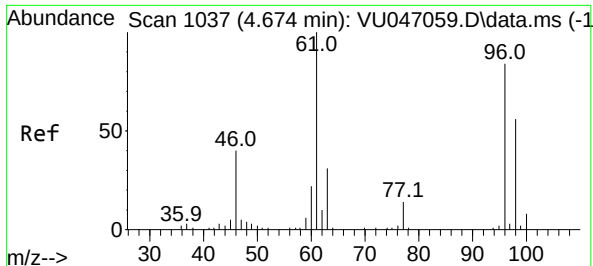
Tgt Ion: 43 Resp: 107596

Ion Ratio Lower Upper

43 100

72 31.5 15.0 45.0





#22

cis-1,2-Dichloroethene

Concen: 4.448 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

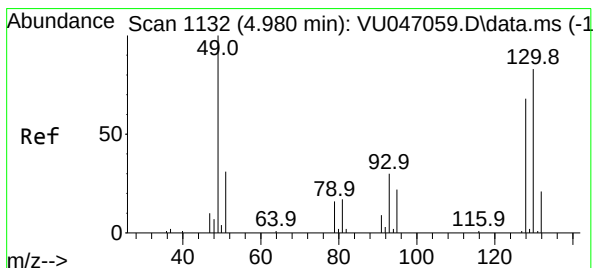
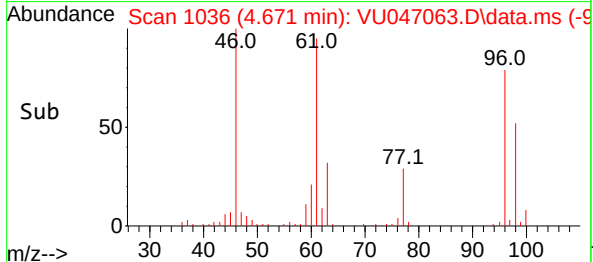
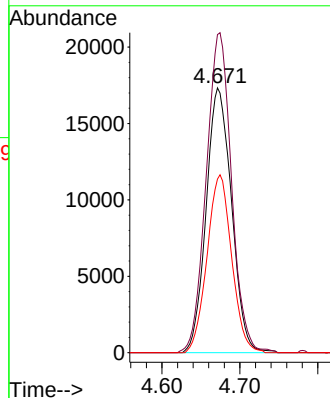
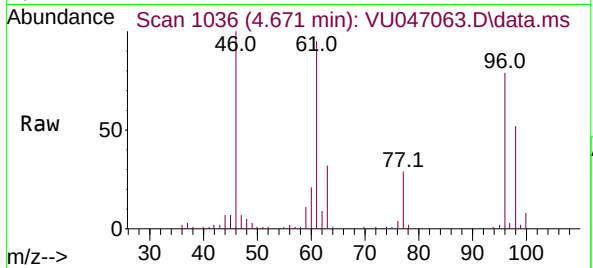
Tgt Ion: 96 Resp: 39277

Ion Ratio Lower Upper

96 100

61 120.1 85.6 159.0

98 65.6 44.7 83.1



#23

Bromochloromethane

Concen: 4.690 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Tgt Ion: 128 Resp: 19976

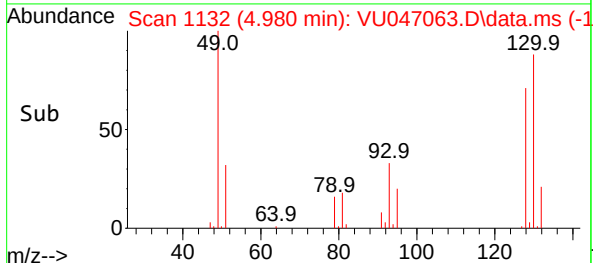
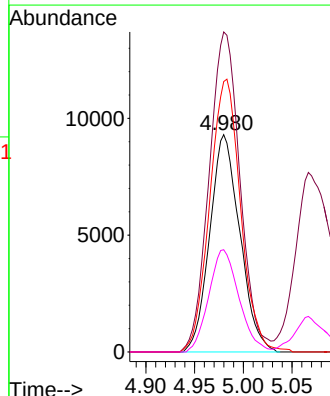
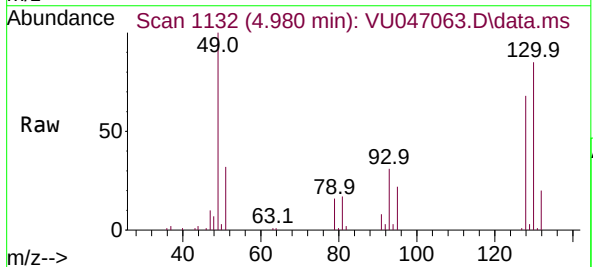
Ion Ratio Lower Upper

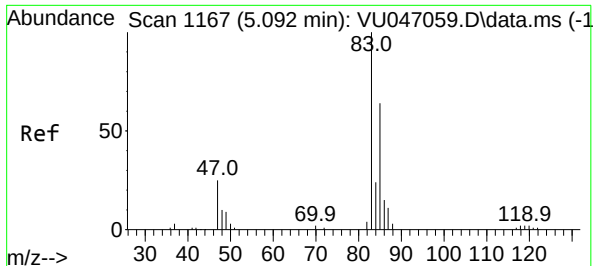
128 100

49 147.2 107.4 199.6

130 124.4 87.3 162.1

51 47.0 36.5 54.7





#25

Chloroform

Concen: 4.268 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

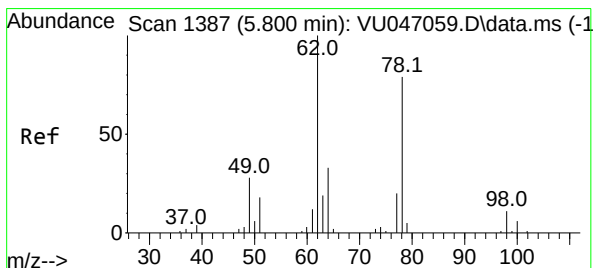
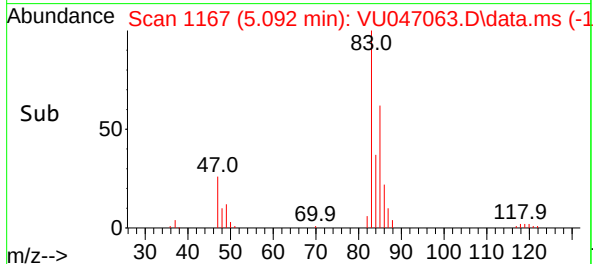
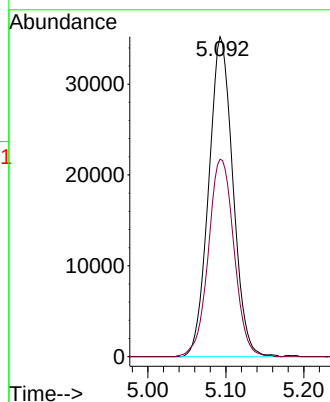
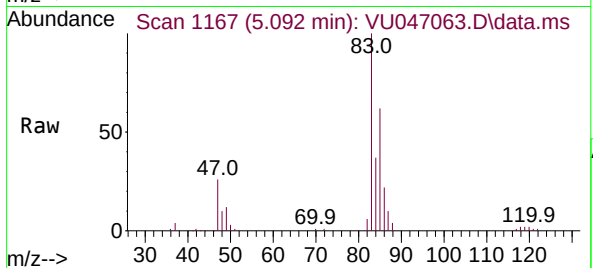
ClientSampleId :

Tgt Ion: 83 Resp: 75954

Ion Ratio Lower Upper

83 100

85 61.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.703 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047063.D

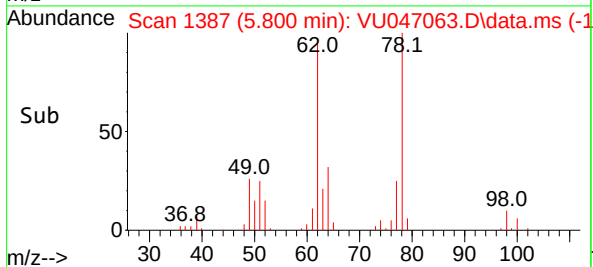
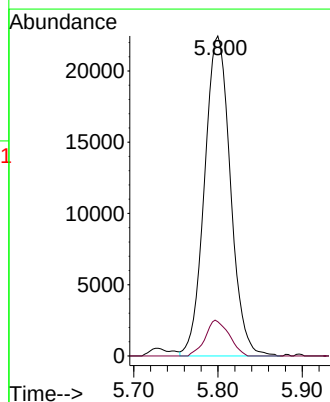
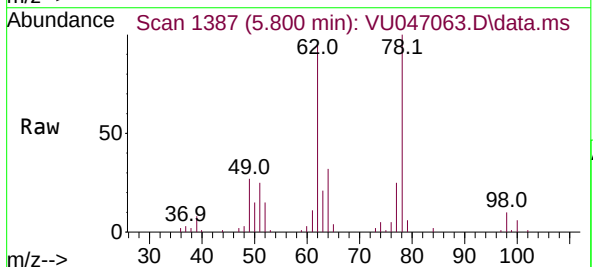
Acq: 07 Feb 2022 14:02

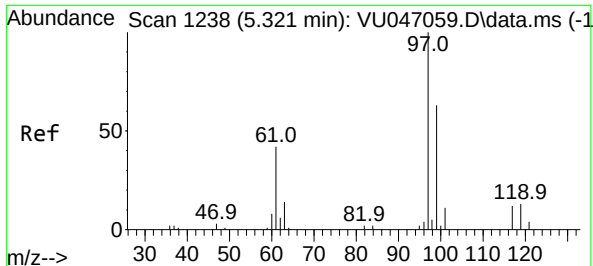
Tgt Ion: 62 Resp: 48001

Ion Ratio Lower Upper

62 100

98 10.7 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.330 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

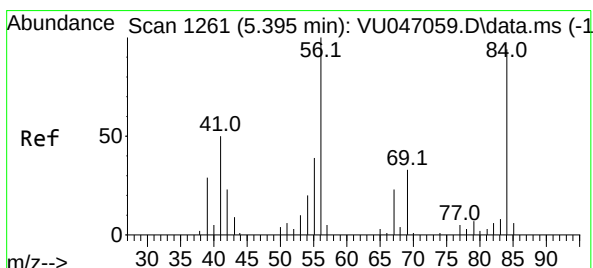
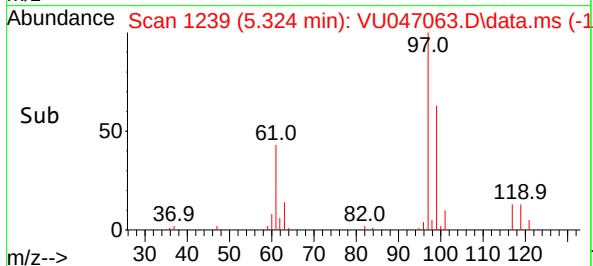
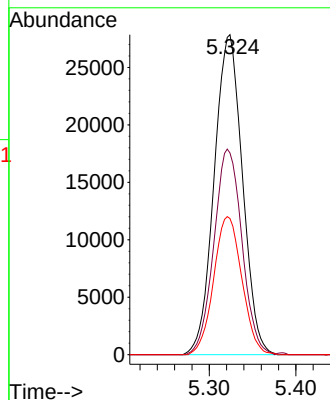
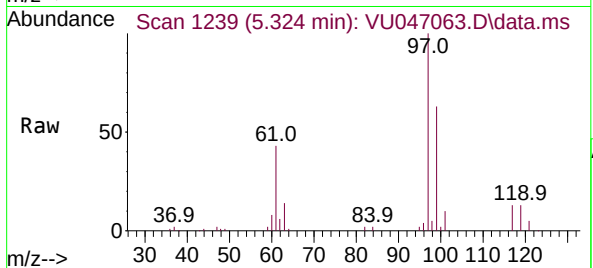
Tgt Ion: 97 Resp: 63233

Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 42.9 34.6 52.0



#30

Cyclohexane

Concen: 4.130 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

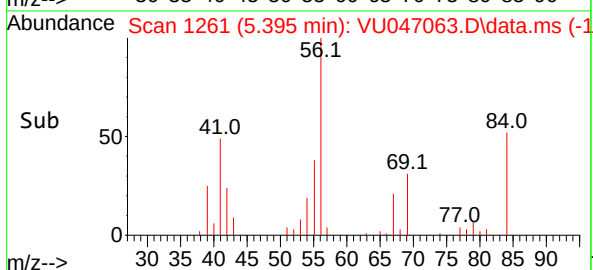
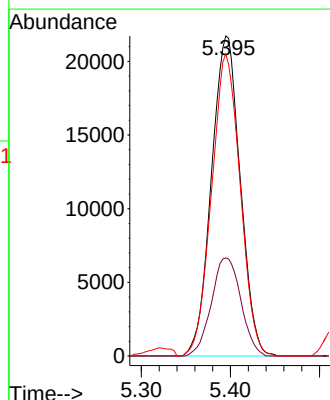
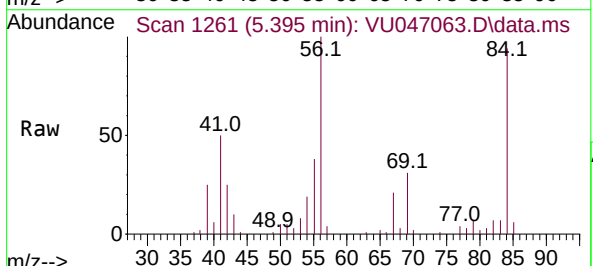
Tgt Ion: 56 Resp: 48690

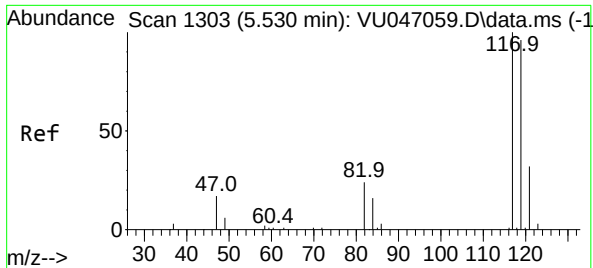
Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 93.5 73.0 109.6

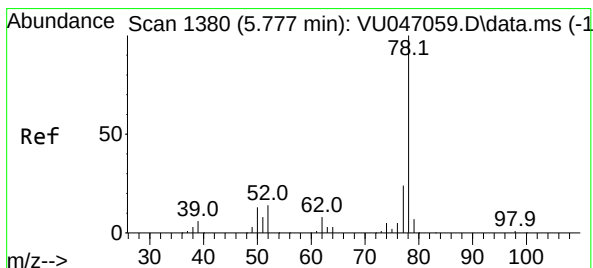
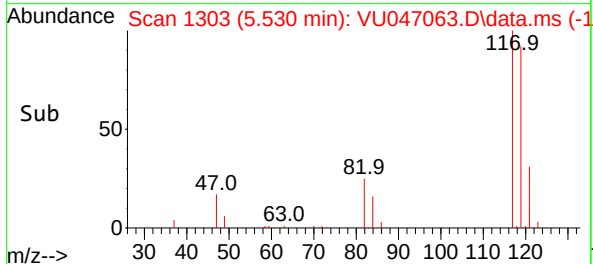
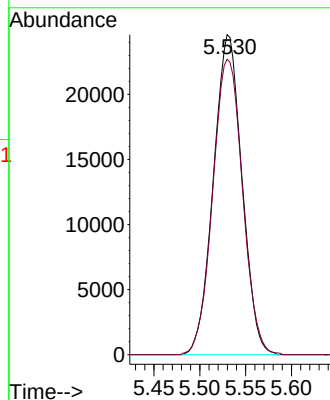
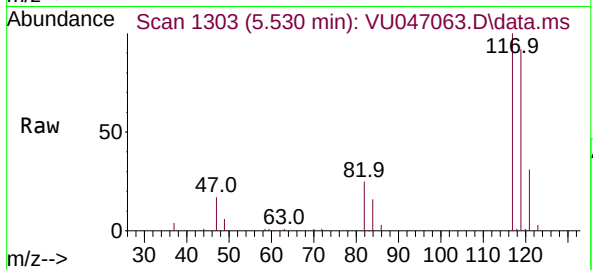




#31
Carbon tetrachloride
Concen: 4.273 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

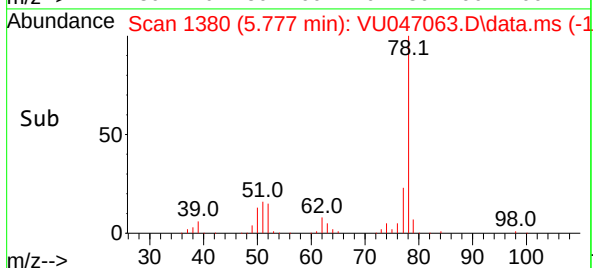
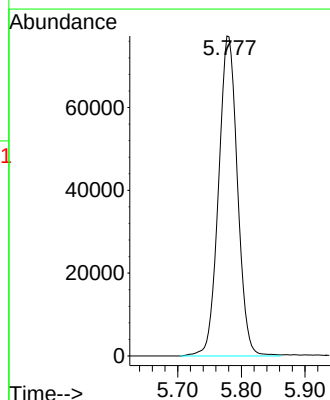
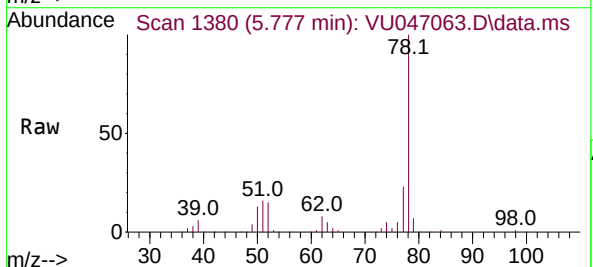
Instrument :
MSVOA_U
ClientSampleId :

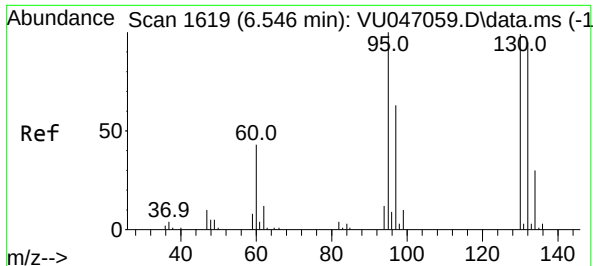
Tgt Ion:117 Resp: 53291
Ion Ratio Lower Upper
117 100
119 96.3 79.8 119.8



#33
Benzene
Concen: 4.444 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion: 78 Resp: 159462

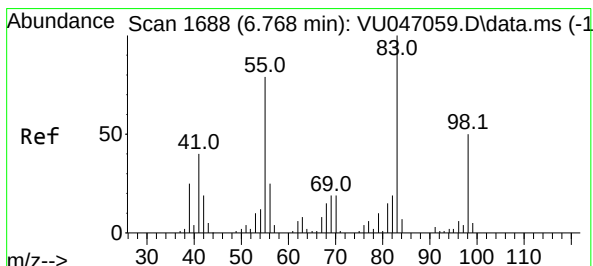
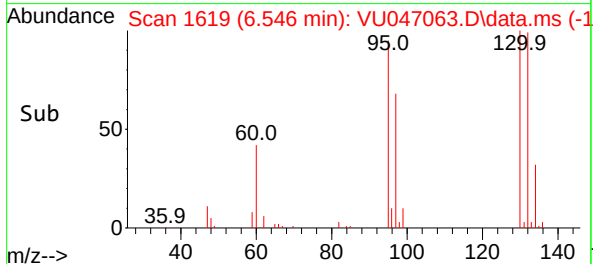
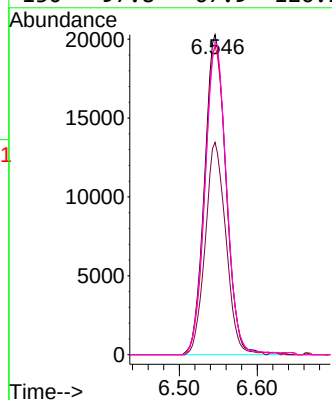
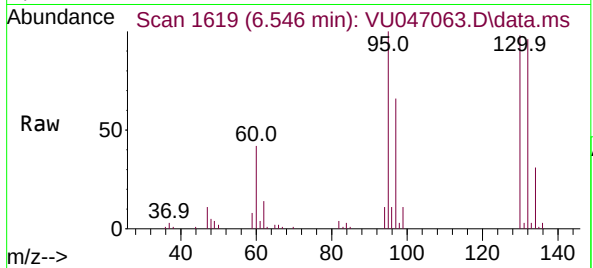




#34
Trichloroethene
Concen: 4.285 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

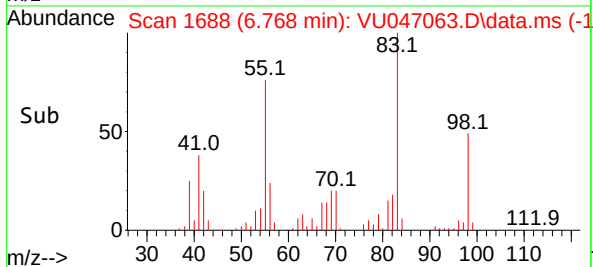
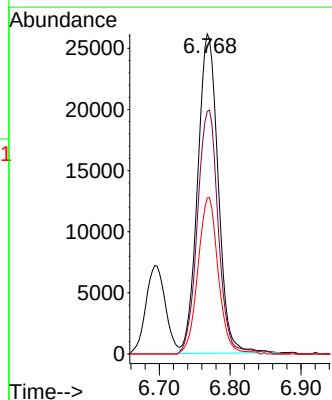
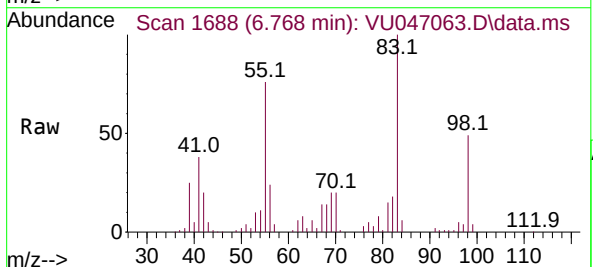
Instrument :
MSVOA_U
ClientSampleId :

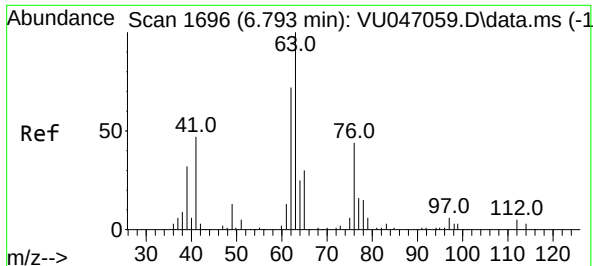
Tgt Ion: 95 Resp: 38876
Ion Ratio Lower Upper
95 100
97 66.4 46.1 85.5
132 96.4 65.9 122.5
130 97.8 67.9 126.1



#35
Methylcyclohexane
Concen: 4.177 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion: 83 Resp: 52509
Ion Ratio Lower Upper
83 100
55 77.6 61.2 91.8
98 48.6 39.3 58.9





#37

1,2-Dichloropropane

Concen: 4.295 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

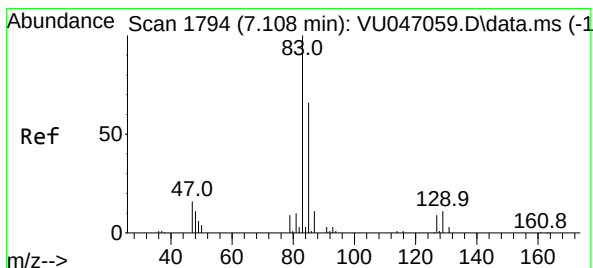
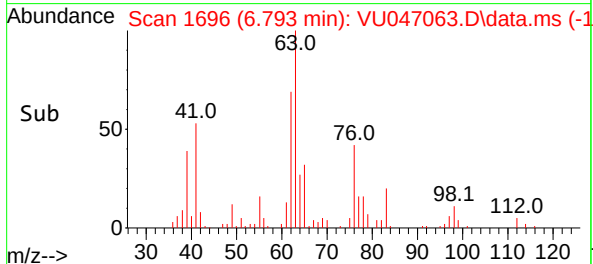
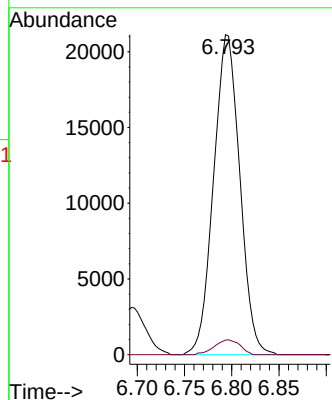
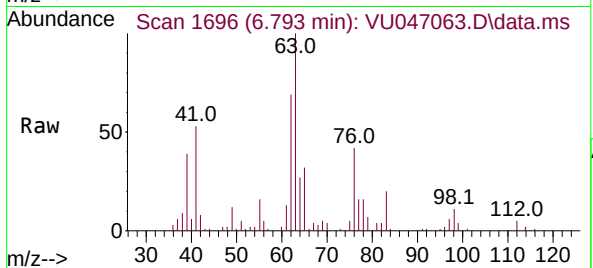
ClientSampleId :

Tgt Ion: 63 Resp: 40754

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 4.356 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

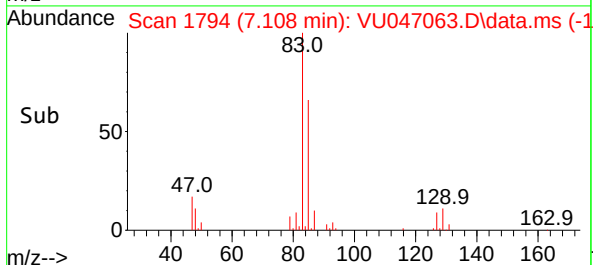
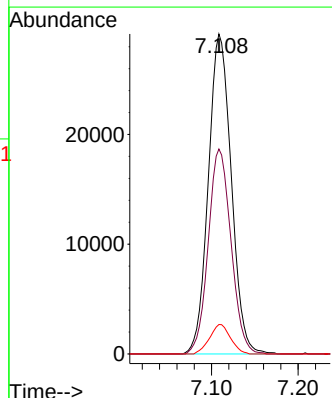
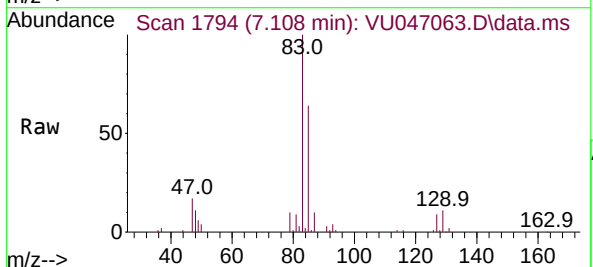
Tgt Ion: 83 Resp: 53680

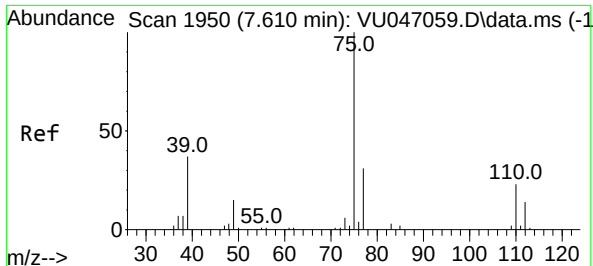
Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1

127 9.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 4.361 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

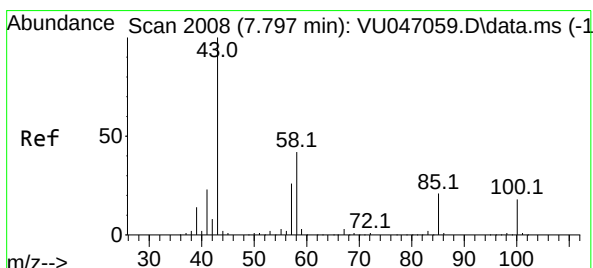
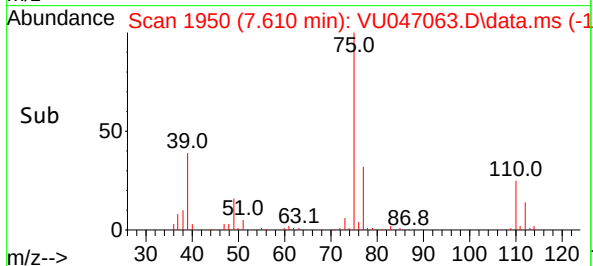
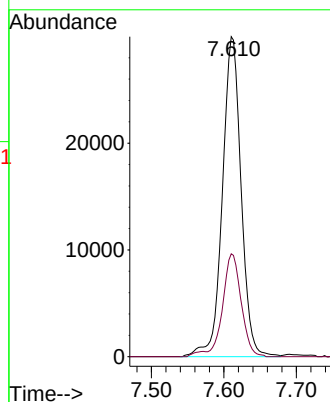
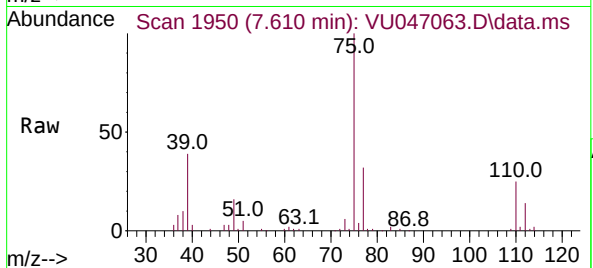
ClientSampleId :

Tgt Ion: 75 Resp: 53736

Ion Ratio Lower Upper

75 100

77 32.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 47.651 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

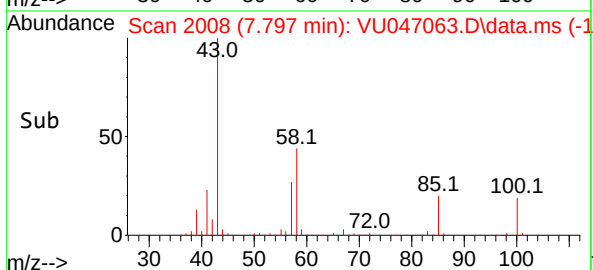
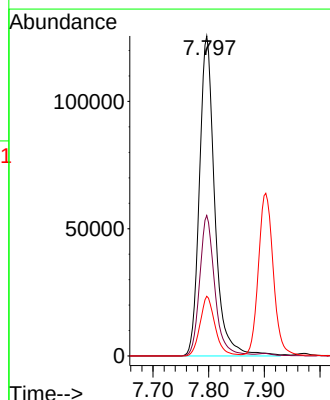
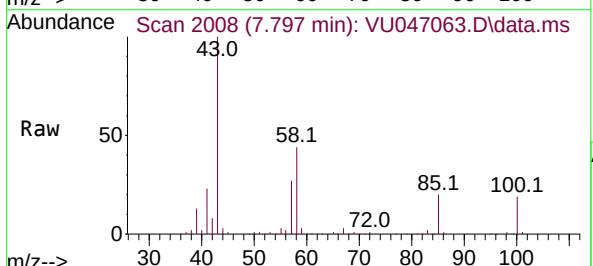
Tgt Ion: 43 Resp: 241482

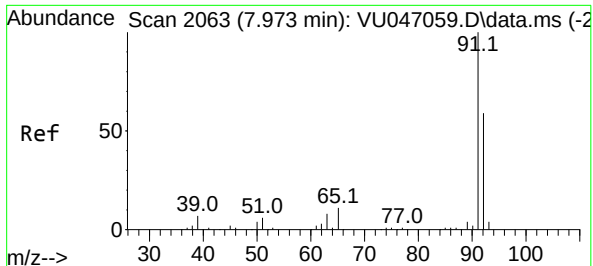
Ion Ratio Lower Upper

43 100

58 43.3 34.0 51.0

100 18.3 14.1 21.1

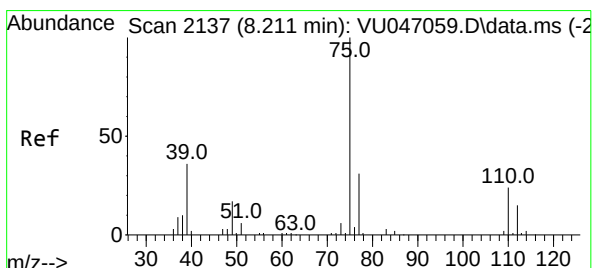
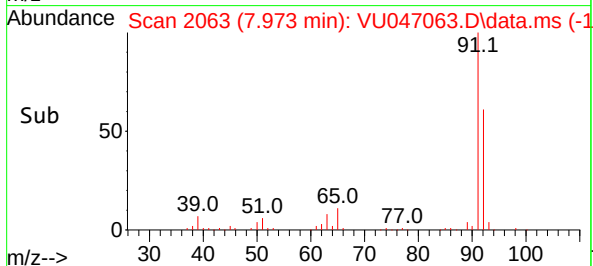
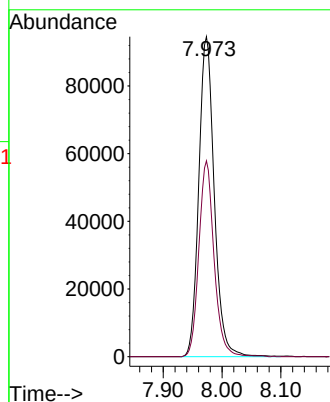
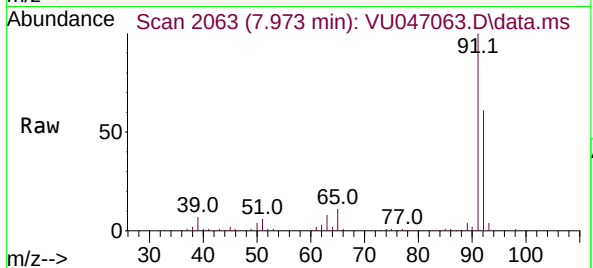




#42
Toluene
Concen: 4.686 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

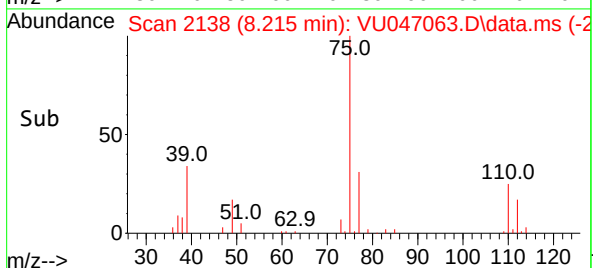
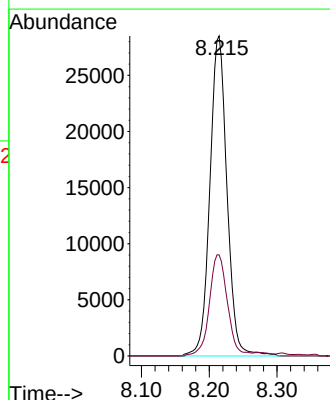
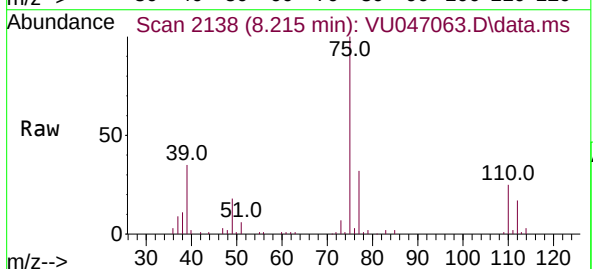
Instrument :
MSVOA_U
ClientSampleId :

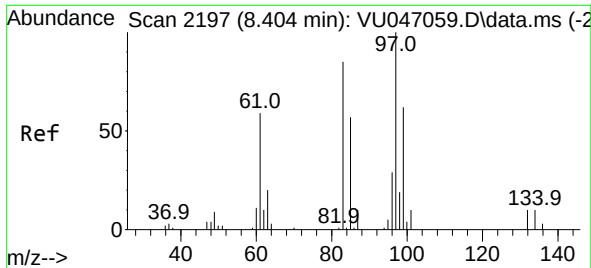
Tgt Ion: 91 Resp: 172753
Ion Ratio Lower Upper
91 100
92 61.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 4.539 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion: 75 Resp: 49970
Ion Ratio Lower Upper
75 100
77 31.6 23.7 43.9



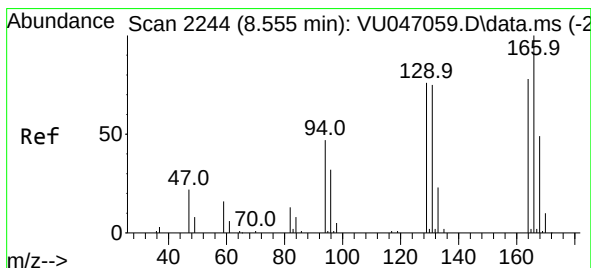
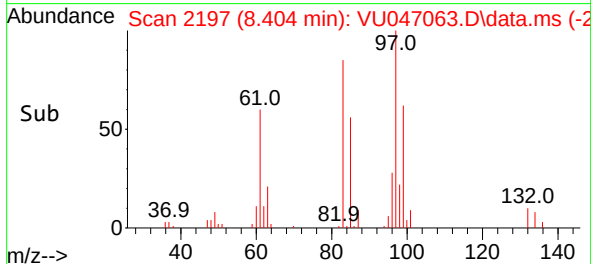
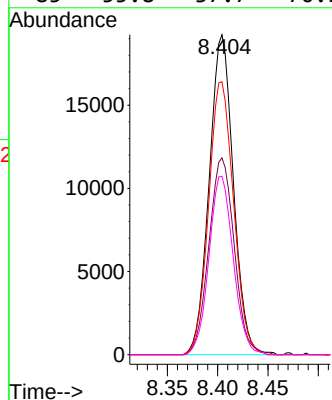
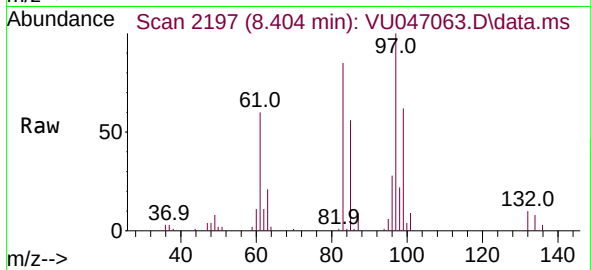


#45
1,1,2-Trichloroethane
Concen: 4.565 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 32227

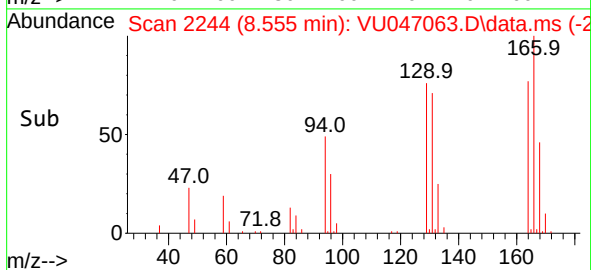
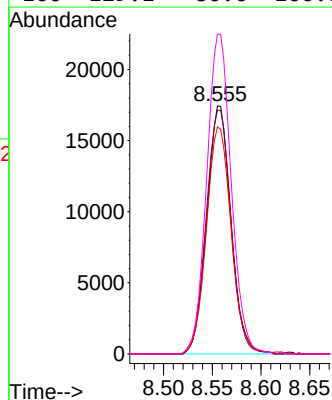
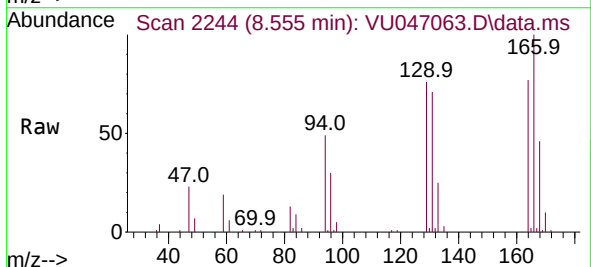
Ion	Ratio	Lower	Upper
97	100		
99	61.5	40.4	75.0
83	85.3	60.6	112.6
85	55.8	37.7	70.1

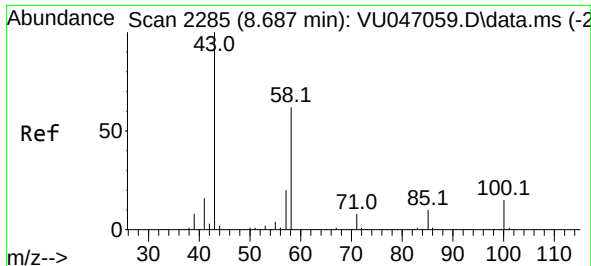


#47
Tetrachloroethene
Concen: 4.291 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion: 164 Resp: 30205

Ion	Ratio	Lower	Upper
164	100		
129	98.2	66.5	123.5
131	91.6	67.5	125.4
166	129.1	86.6	160.8

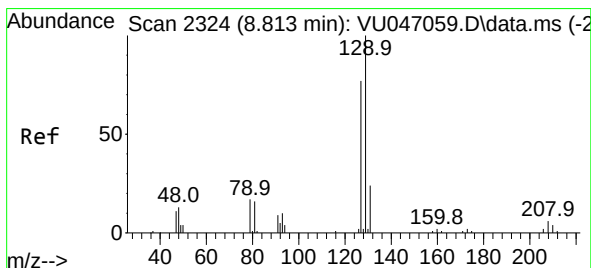
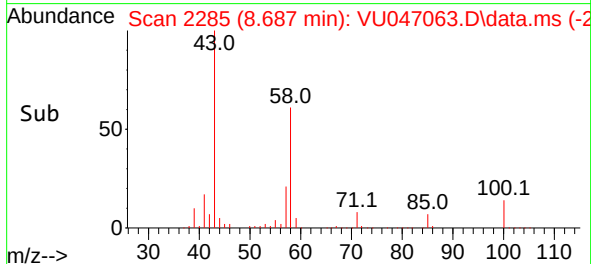
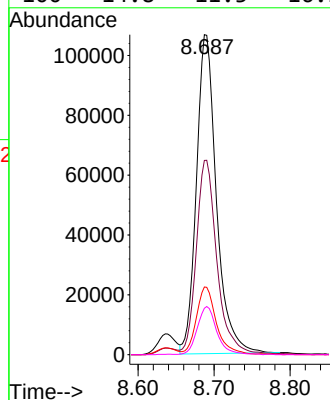
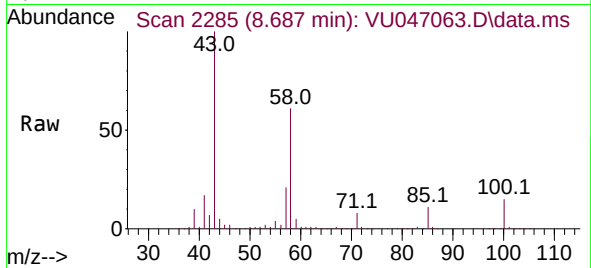




#48
2-Hexanone
Concen: 50.098 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

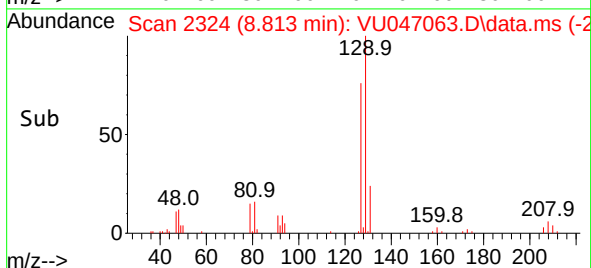
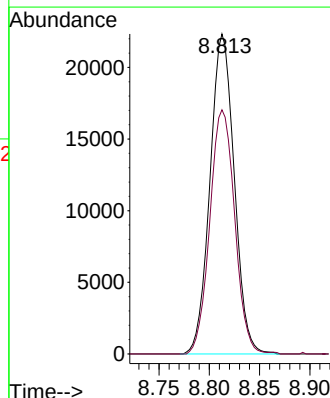
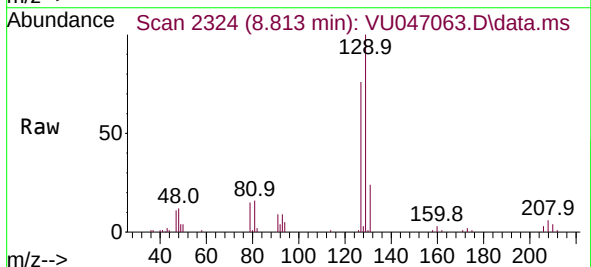
Instrument :
MSVOA_U
ClientSampleId :

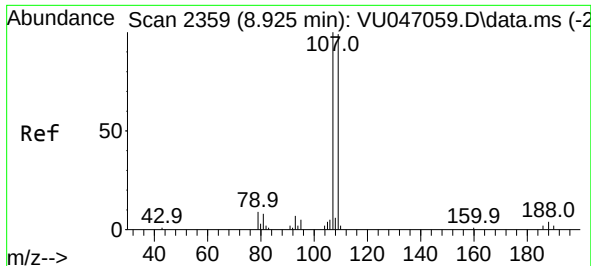
Tgt Ion: 43	Resp: 195508
Ion Ratio	Lower Upper
43 100	
58 62.1	47.8 71.6
57 20.8	16.2 24.4
100 14.8	11.3 16.9



#49
Dibromochloromethane
Concen: 4.546 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion:129	Resp:	37483	
Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.4	99.2

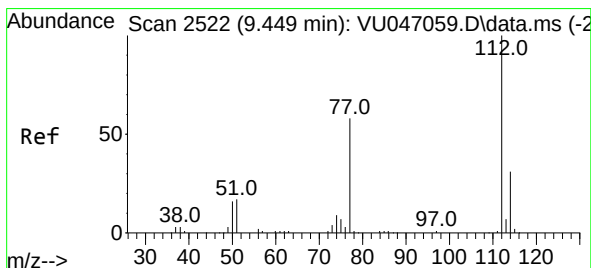
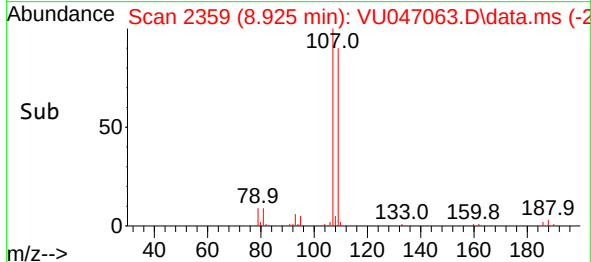
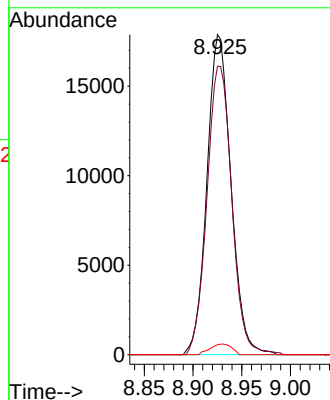
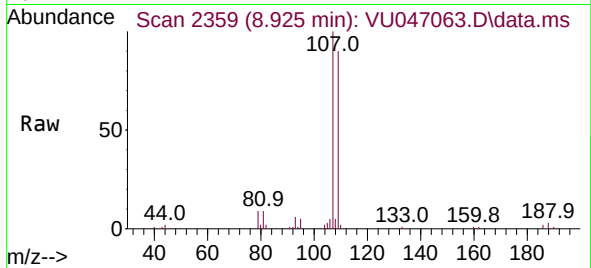




#50
1,2-Dibromoethane
Concen: 4.708 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

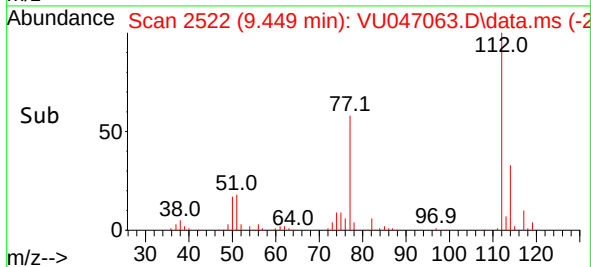
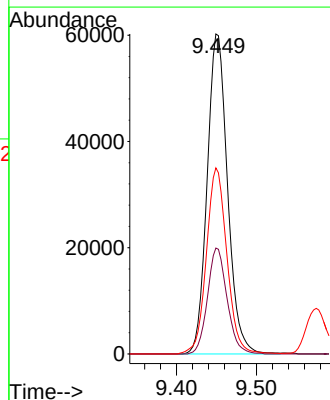
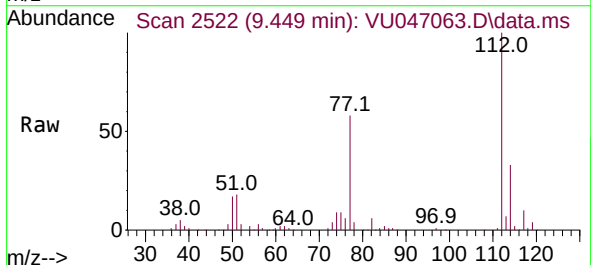
Instrument :
MSVOA_U
ClientSampleId :

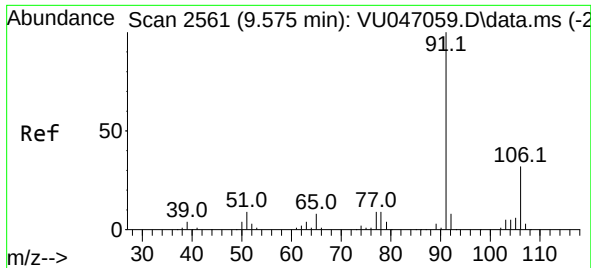
Tgt Ion:107 Resp: 30697
Ion Ratio Lower Upper
107 100
109 90.1 67.4 125.2
188 3.1 3.0 4.6



#51
Chlorobenzene
Concen: 4.423 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion:112 Resp: 107015
Ion Ratio Lower Upper
112 100
114 33.1 22.6 42.0
77 58.1 47.3 70.9

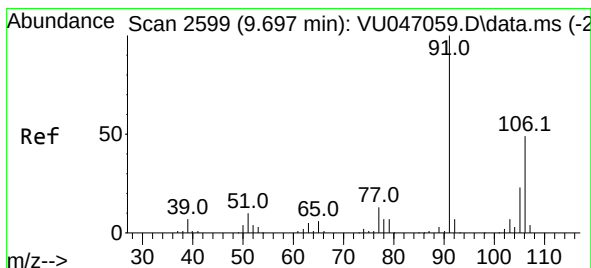
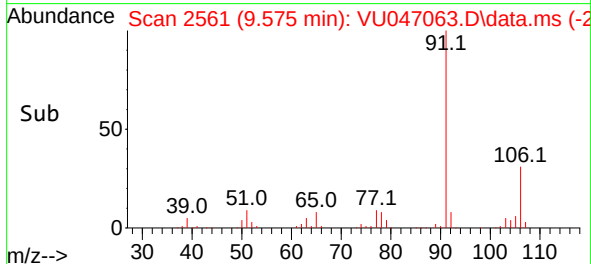
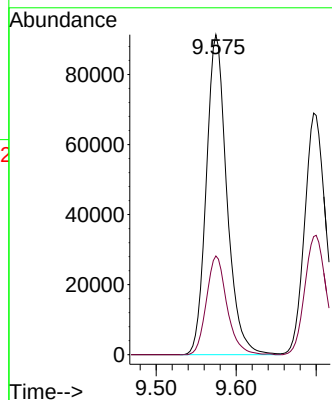
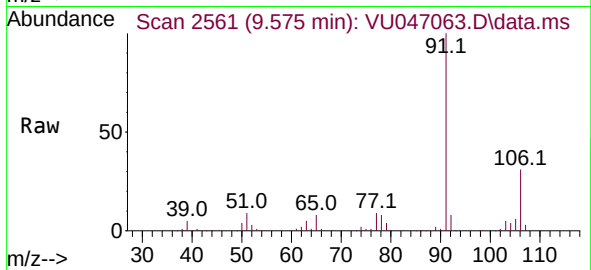




#52
Ethylbenzene
Concen: 4.410 ug/L
RT: 9.575 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

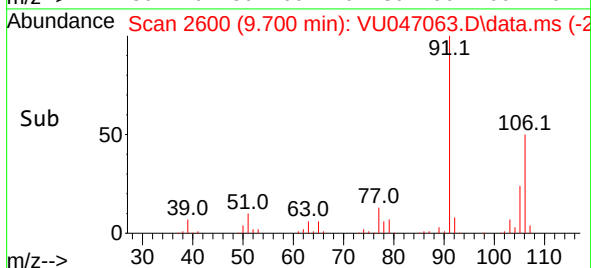
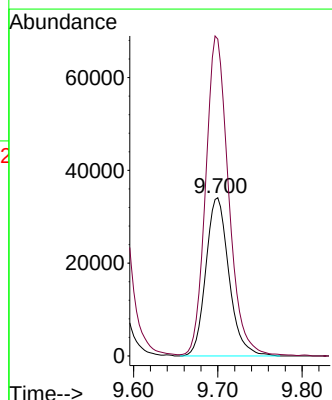
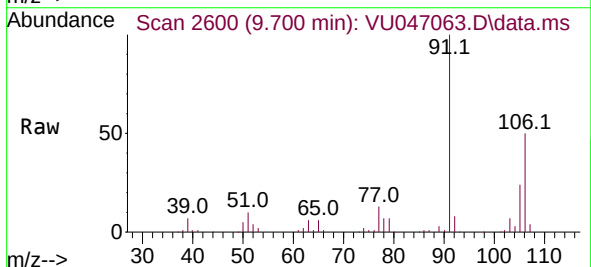
Instrument :
MSVOA_U
ClientSampleId :

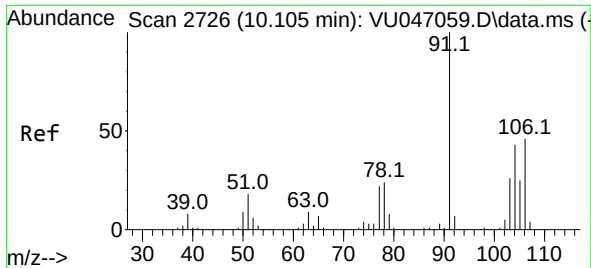
Tgt Ion: 91 Resp: 163413
Ion Ratio Lower Upper
91 100
106 30.8 22.0 40.8



#53
m,p-Xylene
Concen: 4.516 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion:106 Resp: 65034
Ion Ratio Lower Upper
106 100
91 200.3 140.3 260.5

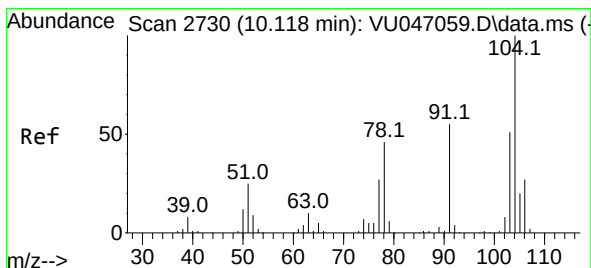
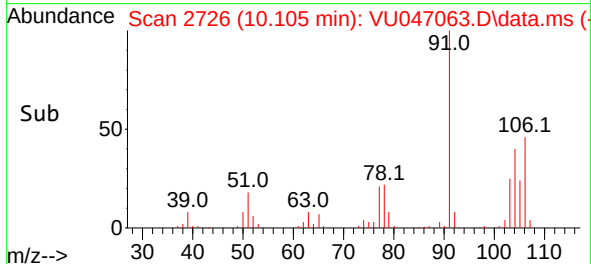
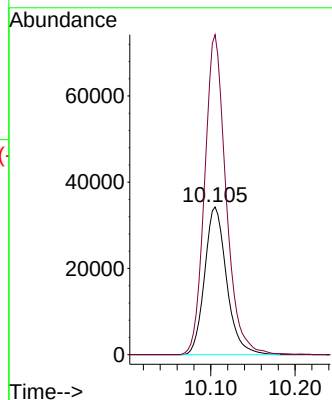
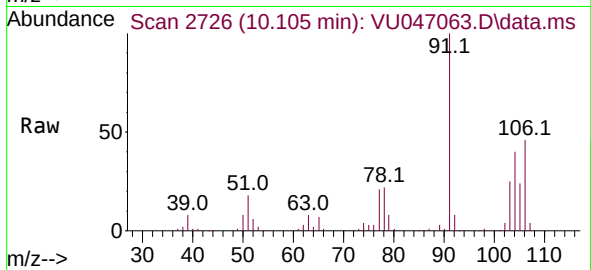




#54
o-Xylene
Concen: 4.646 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

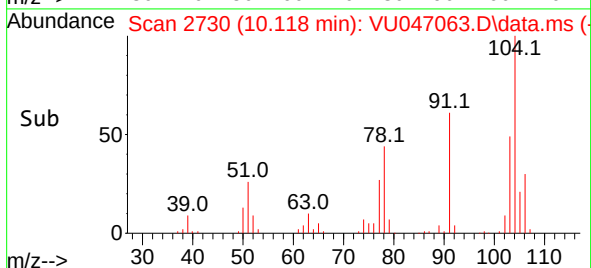
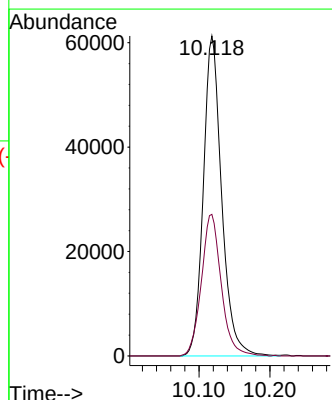
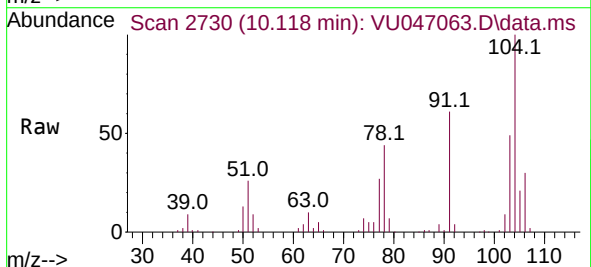
Instrument :
MSVOA_U
ClientSampleId :

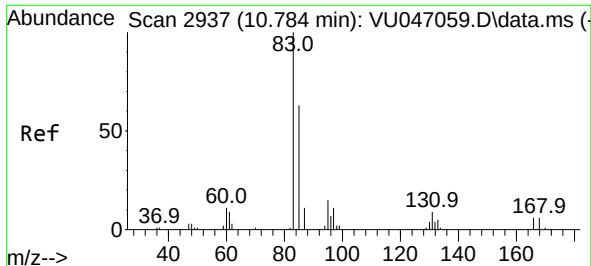
Tgt Ion:106 Resp: 62216
Ion Ratio Lower Upper
106 100
91 216.6 146.5 272.1



#55
Styrene
Concen: 4.670 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion:104 Resp: 110034
Ion Ratio Lower Upper
104 100
78 44.3 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.550 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

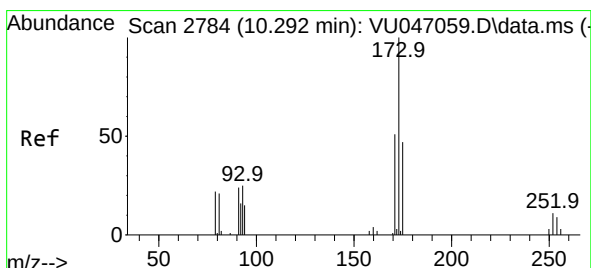
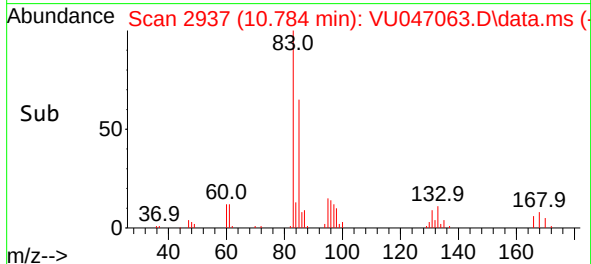
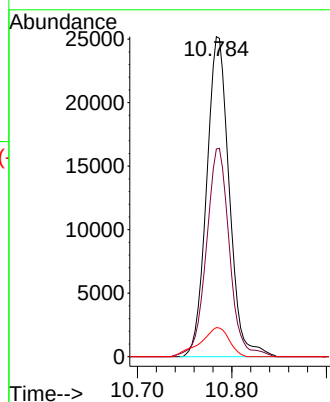
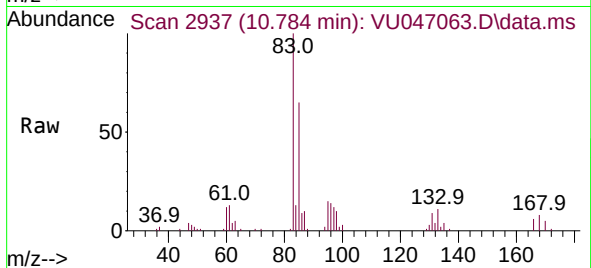
Tgt Ion: 83 Resp: 41788

Ion Ratio Lower Upper

83 100

85 64.9 44.6 82.8

131 9.1 7.4 11.0



#59

Bromoform

Concen: 4.817 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

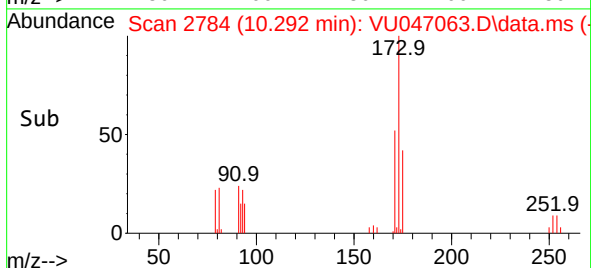
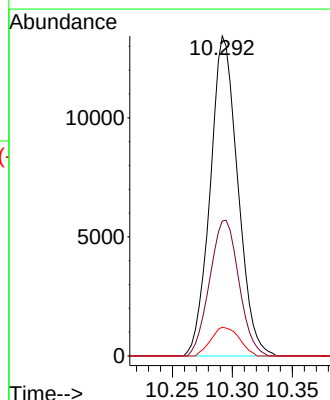
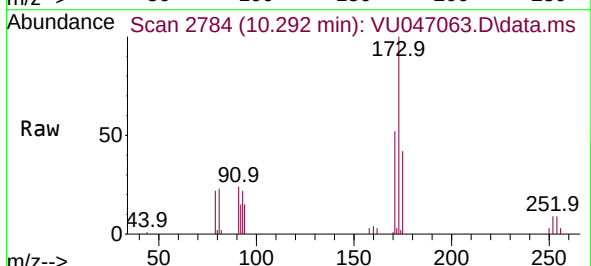
Tgt Ion:173 Resp: 21464

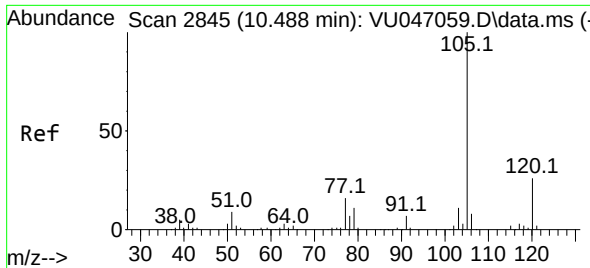
Ion Ratio Lower Upper

173 100

175 44.9 38.8 58.2

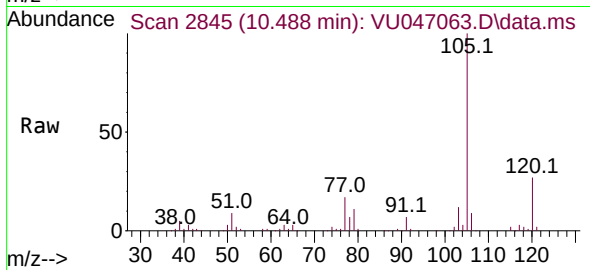
254 9.2 7.2 10.8



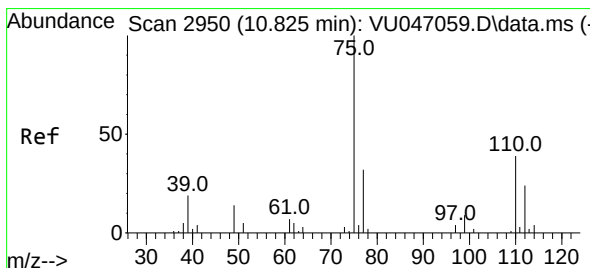
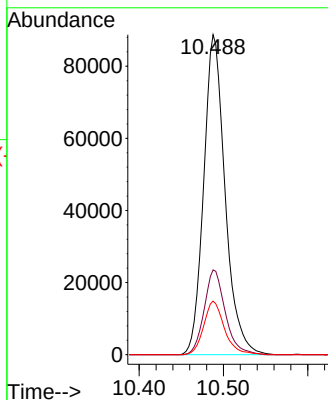
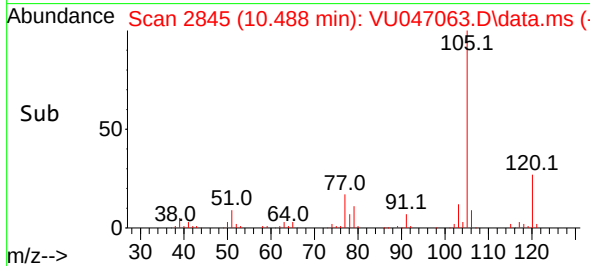


#60
Isopropylbenzene
Concen: 4.524 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

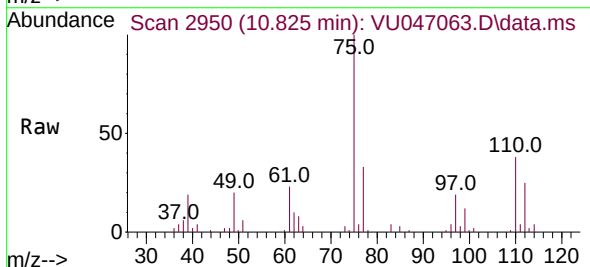
Instrument :
MSVOA_U
ClientSampleId :



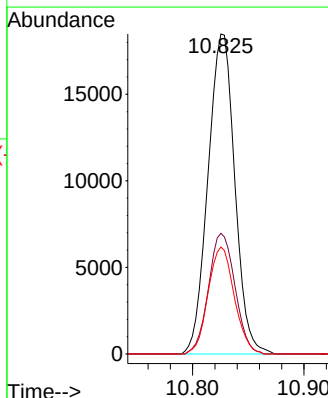
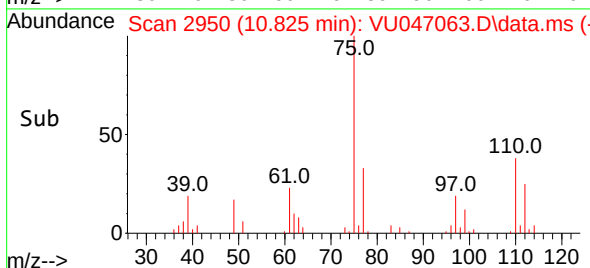
Tgt Ion:105 Resp: 157011
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.2 12.6 19.0

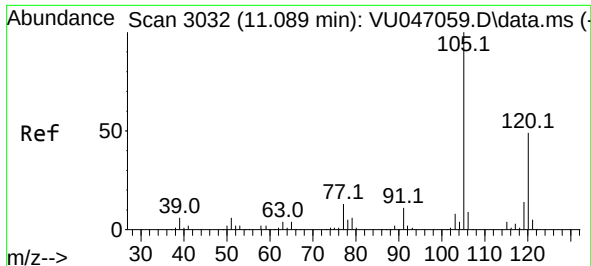


#61
1,2,3-Trichloropropane
Concen: 4.708 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02



Tgt Ion: 75 Resp: 30910
Ion Ratio Lower Upper
75 100
110 37.2 31.7 47.5
77 32.6 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 4.299 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

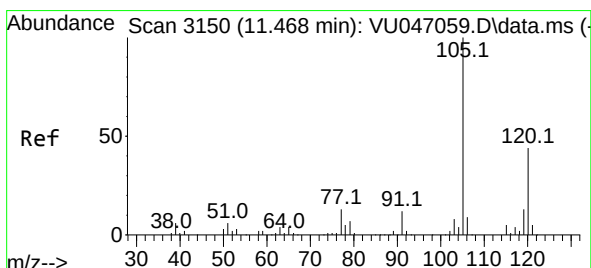
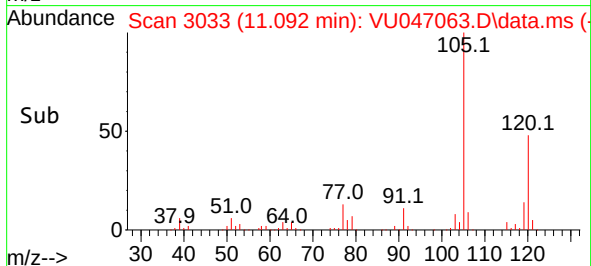
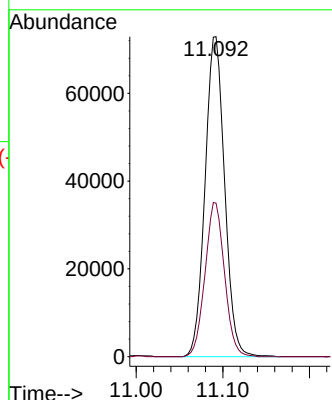
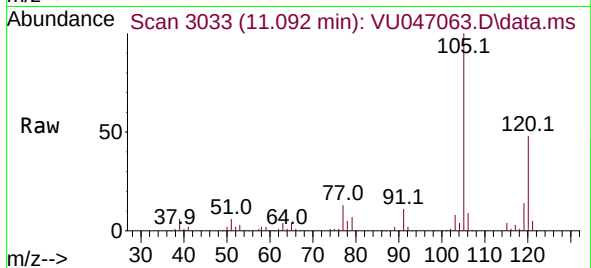
ClientSampleId :

Tgt Ion:105 Resp: 114503

Ion Ratio Lower Upper

105 100

120 48.0 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 4.468 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047063.D

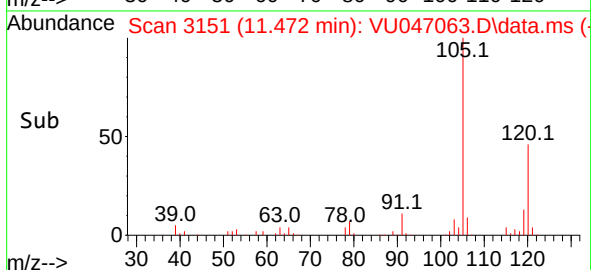
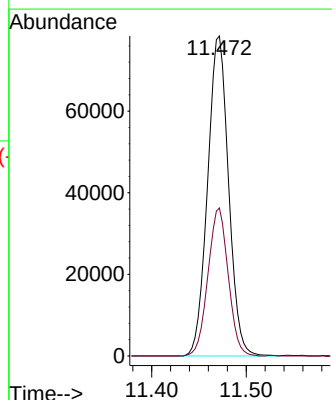
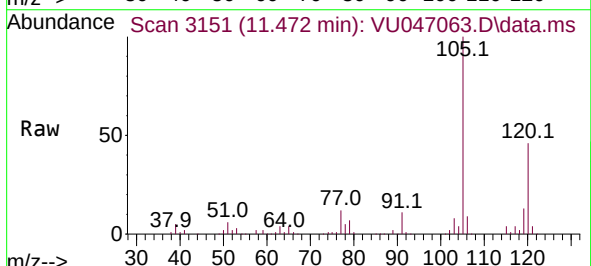
Acq: 07 Feb 2022 14:02

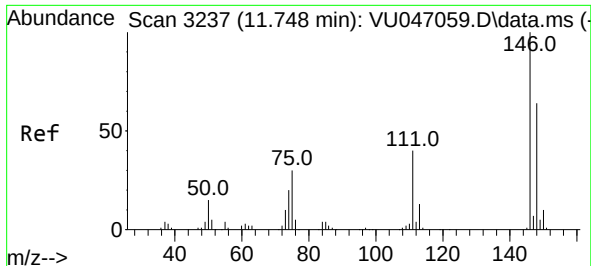
Tgt Ion:105 Resp: 120817

Ion Ratio Lower Upper

105 100

120 44.7 36.1 54.1

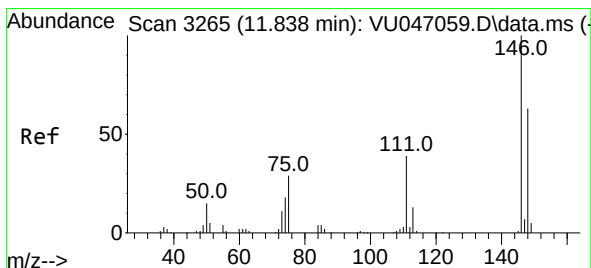
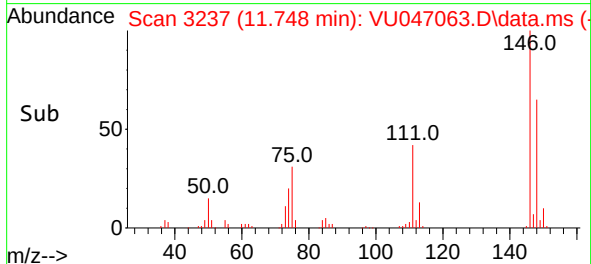
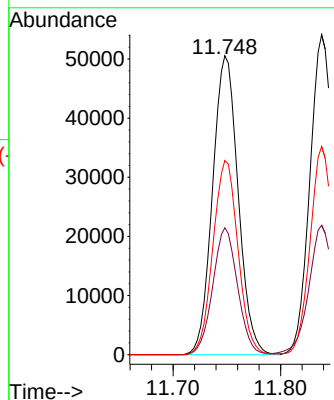
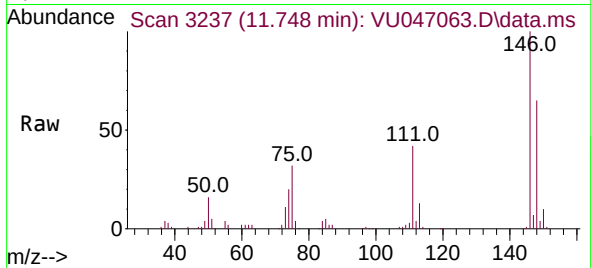




#64
1,3-Dichlorobenzene
Concen: 4.506 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

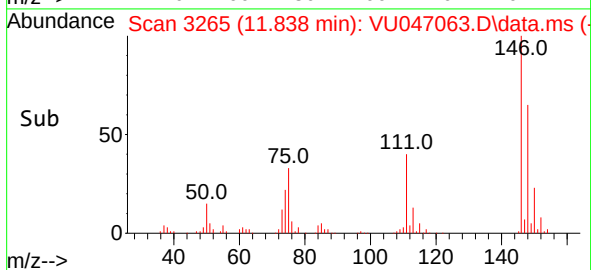
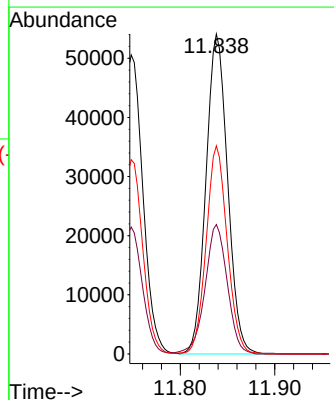
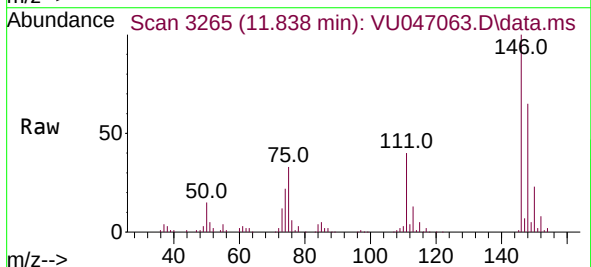
Instrument :
MSVOA_U
ClientSampleId :

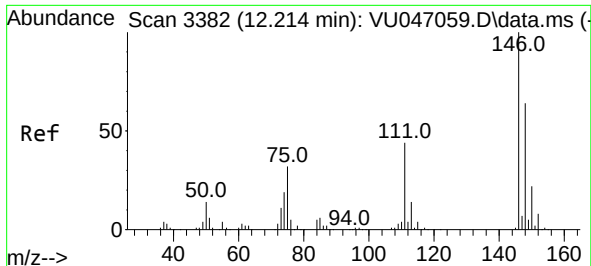
Tgt Ion:146 Resp: 83562
Ion Ratio Lower Upper
146 100
111 42.4 28.6 53.0
148 64.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 4.488 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

Tgt Ion:146 Resp: 85987
Ion Ratio Lower Upper
146 100
111 40.4 27.5 51.1
148 65.1 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.520 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

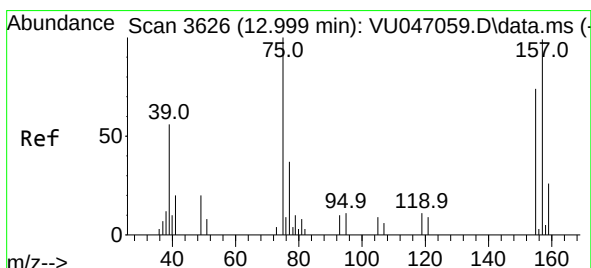
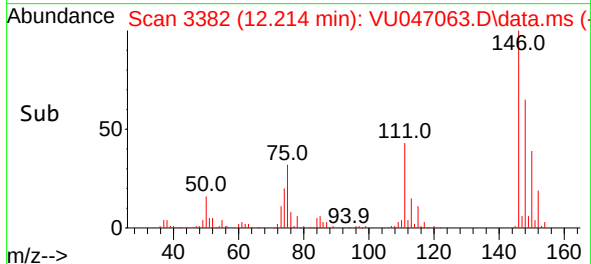
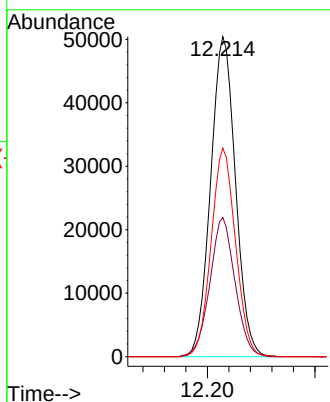
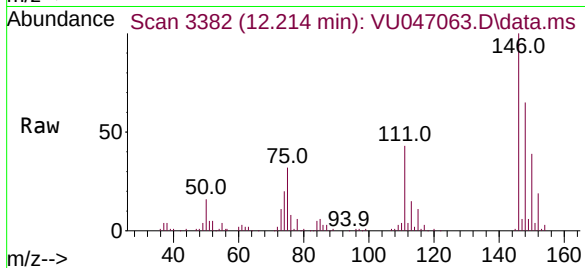
Tgt Ion:146 Resp: 80899

Ion Ratio Lower Upper

146 100

111 43.5 34.1 51.1

148 65.1 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.210 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

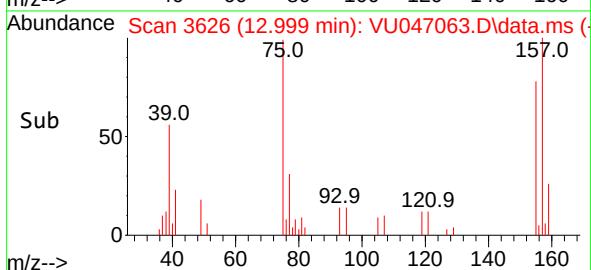
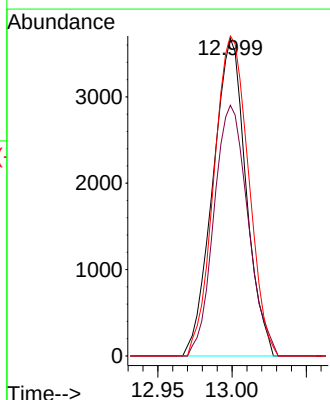
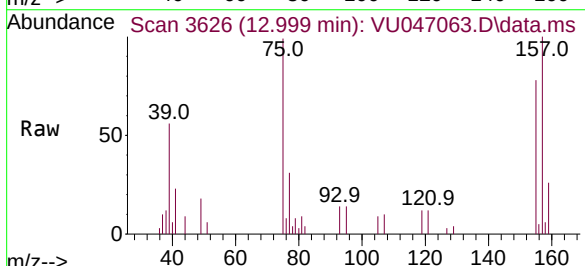
Tgt Ion: 75 Resp: 5703

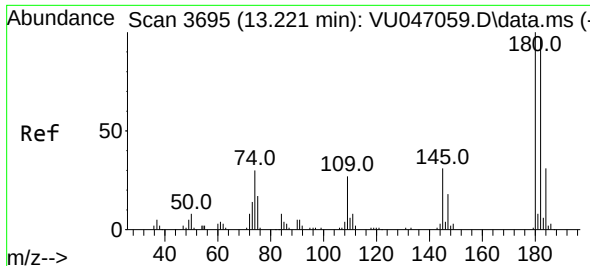
Ion Ratio Lower Upper

75 100

155 78.9 63.9 95.9

157 100.7 79.9 119.9





#69

1,3,5-Trichlorobenzene

Concen: 4.272 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 59482

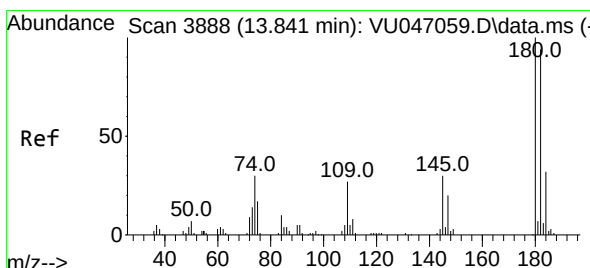
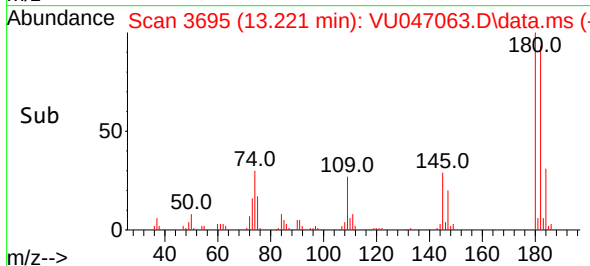
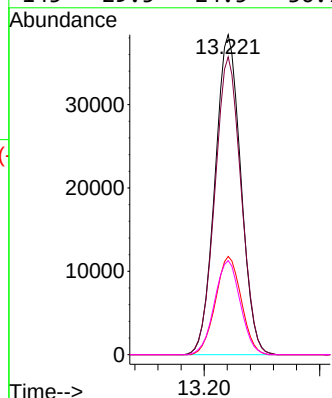
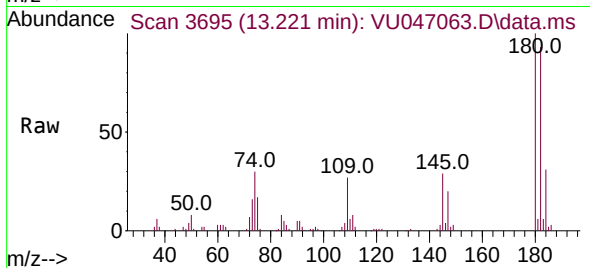
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

184 30.6 23.3 34.9

145 29.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.219 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047063.D

Acq: 07 Feb 2022 14:02

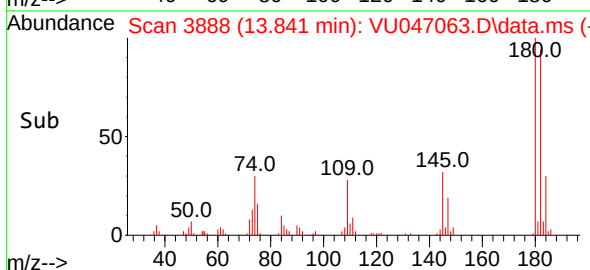
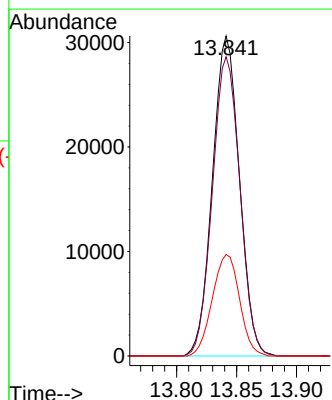
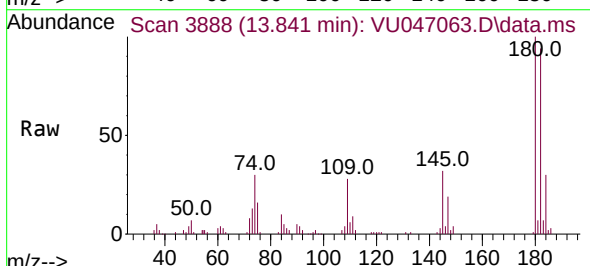
Tgt Ion:180 Resp: 47839

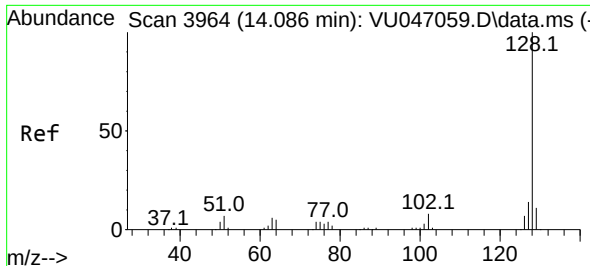
Ion Ratio Lower Upper

180 100

182 95.1 74.2 111.4

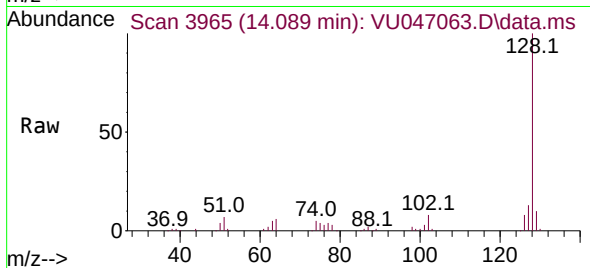
145 31.9 24.6 36.8



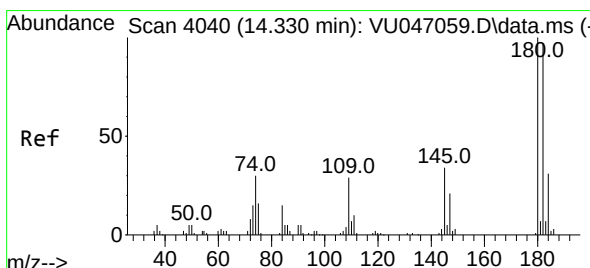
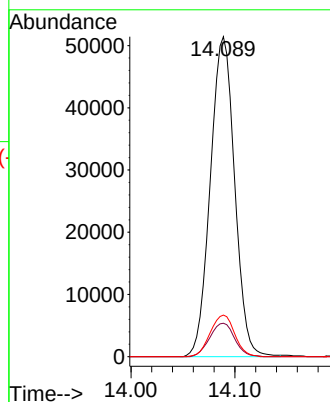
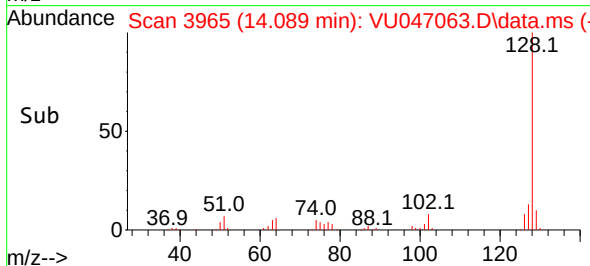


#71
Naphthalene
Concen: 4.257 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02

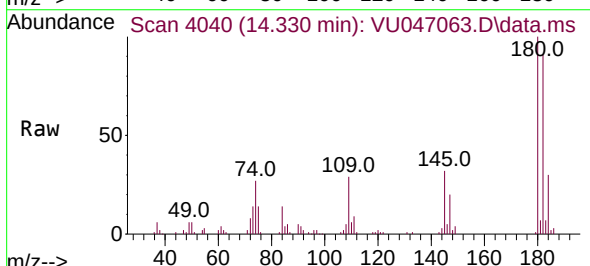
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 83560
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.509 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047063.D
Acq: 07 Feb 2022 14:02



Tgt Ion:180 Resp: 48797
Ion Ratio Lower Upper
180 100
182 92.6 74.0 111.0
145 31.8 27.1 40.7

